AR 158
Revised Oct 80

DEPARTMENT OF DEFENCE

FILE No: OLD AIR | 580 | 1 | 1

Part No: 23

NOTE: This cover is to be used only for official file series recorded with Australian Archives. Form Number AR 111 is to be used for working papers.

SUBJECT:

FILE NUMBER OLD AIR 580/1/1 pt. 23.

REPORTS ON FLYING AND OTHER AERIAL OBJECTS.

Folio	Referred to	Date Referred	Actioned by (Inits)
	P.A. 73	9.8.84	✓

Folio	Referred to	Date Referred	Actioned by (Inits)

ARCHIVAL ACTION

FILE No: OLD AIR | 580 | 1 | 1

INSTRUCTIO
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SUMMARY OF SIGHTINGS

NO	PLACE	DATE	PERSON	RECEIPT	REPLY	REMARKS
1	WANDIN EAST	VIC	PETER BAKER	14 MAY	30 MAY 73 ✓	PROBABLE MIRAGE/REFLECTION OF CAR.
6	22 APR 73					
2	CAMBERVILLE via MYR	QLD	JUDI KIMBER	16 MAY	13 JUN 73 ✓	BALLOON ACTIVITY
2	6 APR 73					
3	AMBERLEY	QLD	AC CURRIN	8 MAY	5 JUN 73 ✓	HELICOPTERS
7	2 MAY 73					
4	AMBERLEY	QLD	LAC JONES	18 MAY	30 MAY 73 ✓	UNPREDICTED SPACE VEHICLES & PAGEOS I.
9	5 MAY 73					
5	CROYDON	VIC	J.R. & T EMERTON	21 MAY	22 MAY 73 ✓	~~AMBULANCE SIREN~~ AMBULANCE SIREN
11	9 MAY 73					
6	NTH CARLTON	VIC	M.H. TAYLOR	21 MAY	14 JUN 73 ✓	SPACE VEHICLE 1973-018B
10	6 MAY 73					
7	KORONG VALE	VIC	LORNA GROVER	21 MAY	12 JUL 73 ✓	NO DETERMINATION. GROUND MARKINGS
5	14 APR 73					MAY HAVE CAUSED BY FARM MACHINERY - TIME LAPSE
8	WAGGA	NSW	MRS JOHNSEN	21 MAY	6 JUN 73 ✓	MIRAGE AIRCRAFTS
8	2 MAY 73					
9	MINTO	NSW	J. TERRY	25 MAY	5 JUN 73 ✓	CANOPUS
16	22 MAY 73					
10	NOBLE PARK	VIC	ROSAINE BROCKFIELD	28 MAY	5 JUN 73 ✓	SPACE VEHICLE ATS-01SC REENTRY
12	10 MAY 73					
11	NUNAWADING	VIC	CIL & J.M. AUGUSTINI	28 MAY	12 JUL 73 ✓	CRESCENT MOON SETTING
3	8 APR 73					
12	SUBIACO	W.A.	MR. A.S. FOLEY	29 MAY	4 JUN 73 ✓	AIRCRAFT - PERTH AIRPORT
1	13 MAR 73					
13	MASCOT	NSW	MR C McCREA	29 MAY	N/R	VEGA.
13	12 MAY 73					
14	WYNYARD	TAS	MR M. FENTON	30 MAY	4 JUN 73 ✓	SALYUT
1A	15 MAY 73					
15	RIVERSIDE	TAS	MR A.B. EVANS	30 MAY	4 JUN 73 ✓	SALYUT
15	15 MAY 73					
16	CANBERRA	ACT	MR McINTOSH	17 MAY	22 MAY 73 N/R	MINISTERIAL SB3/R/47 CESSNA A/C.
4	12 APR 73					

Department of Defence

(AIR FORCE OFFICE)
MINUTE PAPER

DEFAIR 580/1/1
Reference AF554/1/30 (34)

Subject: RECLASSIFICATION OF FILES

Reference: A. DI(AF)AAP 810 para 326.

In accordance with Reference A, all folios, in all parts of Department of Air File series 580/1/1 are reclassified 'UNCLASSIFIED' with effect 7 May 82.

(G.A. PERSKE)
GPCAPT
DAFIS

7 May 82

12 APR 73

#16

CANBERRA ACT

MR. MCINTOSH

12 APR 73

#16

CANBERRA
ACT

MR. MCINTOSH

NOTE OF ACTION AND FILING

Sighting # 16 was the subject of a letter to the Minister and as such was treated as a "Ministerial". All data and the reply is held on 569/8/975.

The most probable cause was a sighting of a Cessna aircraft operating at Fairbairn airport.

30 MAY 78

Sqn Ldr

15th MAY 73

15

RIVERSIDE (LAUNCESTON) MR A.D. EVANS
TAS

Salyut Elements Separate, Signals Lost

Salyut space station orbited by the Soviet Union Apr. 3 suffered a catastrophic malfunction Apr. 14 that ripped the vehicle's solar cells and boom-mounted rendezvous radar and radio transponder from the spacecraft's main body and left the vehicle tumbling in space without telemetry return.

Breakup of the spacecraft was violent enough to divide the separated parts into 15-25 pieces, many of which already have decayed from orbit. At least three of the pieces were large enough to provide good tracking data shortly after the failure, but one also has since decayed.

The failure might have occurred while the Salyut was out of range of Soviet ground stations, preventing the Soviets from obtaining reliable data as to the cause of the accident.

Failure of the Soviets to launch a manned Soyuz spacecraft for a rendezvous with the Salyut (AW&ST Apr. 16, p. 19) may have averted a major space tragedy, although a crew on board the spacecraft might have prevented the trouble.

It is believed the Soviets delayed the liftoff of a Soyuz because of extreme solar flare activity, which revealed itself on Apr. 4, one day after the Salyut's launch. A launch pad booster or spacecraft malfunction might also have precluded a Soyuz launch, because the Salyut station was boosted into a high parking orbit Apr. 8.

The main hulk of the Salyut is expected to decay and re-enter the earth's atmosphere about September.

Destruction of the Salyut in the manner observed could have resulted from some type of explosion or possibly a wildly firing thruster, which could have sent the spacecraft into tumbling maneuvers too great for the solar panels and other appendages to withstand.

The almost immediate orbital decay of some Salyut debris lends credence to the theory that the spacecraft suffered an explosion.

The quick decay of pieces indicates an explosion that applied retrograde forces to some debris, thrusting it backward along the orbital track where it would lose altitude much more quickly than those pieces blown forward along the orbital track.

Loss of the Salyut is expected to have a more serious effect on the Soviet manned program than the death of the three Soyuz 11/Salyut crewmen almost two years ago. That fatal mishap was traced quickly to a decompression accident (AW&ST July 5, 1971, p. 12).

The latest mishap marks the fourth time in two years the Soviets have clearly failed in a space station exercise. Besides losing three cosmonauts in the Soyuz 11 tragedy, the Soyuz 10/Salyut mission also ended in a partial failure when the Soyuz crew failed to enter the Salyut once docked with it (AW&ST May 3, 1971, p. 14).

The Soviets also failed in an attempt to orbit a second functional Salyut in July, 1972, when it did not achieve orbit because of a booster malfunction (AW&ST Apr. 9, p. 21).

Other problems believed to have occurred in the Salyut program are indicated in the 1969 Soyuz 6, 7 and 8 triple manned flight launched by the Soviets in October of that year.

Originally set for May, 1969, Soyuz 6 is believed to have been designed as a solo engineering flight. The mission was delayed, however, because of pressure at Baykonur to launch the Luna series.

The follow-on mission to Soyuz 6 was to have been the launch of another Soyuz, in conjunction with a boilerplate Salyut where rendezvous and possibly docking could have been tested in preparation for a manned long-duration mission with a Salyut in 1970.

Soyuz 6's delay into the fall of 1969 is also believed to have led to a decision to fly Soyuz 7 and the boilerplate Salyut in a joint flight with Soyuz 6.

Problems eventually occurred with the Salyut, however, which would have pushed the joint flight into the winter of 1969 when manned missions were undesirable. Instead of waiting for Salyut, the Soviets readied Soyuz 8 and subsequently launched it in connection with Soyuz 6 and 7.

A relatively quick decision to launch a third manned spacecraft during October probably prompted the selection of an experienced crew consisting of cosmonauts Vladimir Shatalov and Alexei Yeliseyev, who had flown on the Soyuz 4 and 5 missions the previous January.

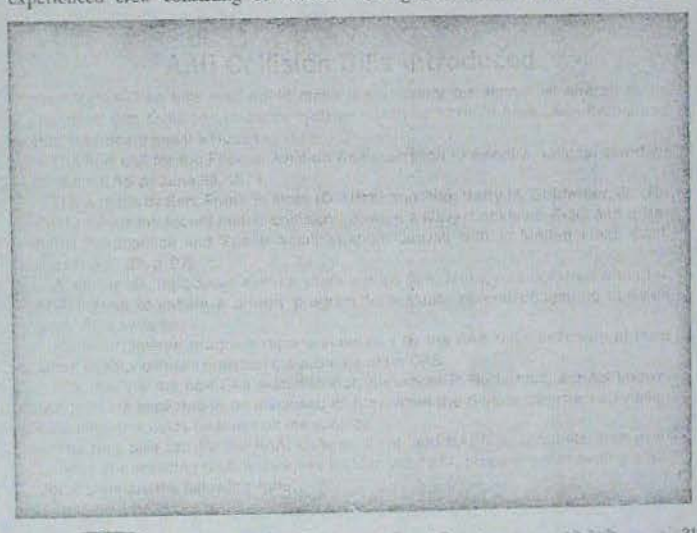
A month later, in November, 1969, tracking data indicate the boilerplate Salyut was launched but failed to achieve orbit. Observers said the boilerplate failure transmitted telemetry "quite similar" to a later successful Salyut boilerplate launch.

Without a Salyut vehicle in which to conduct tests, the Soviets flew the 18-day Soyuz 9 mission in June, 1970, to collect medical data on extended flights.

In December, 1970, a second boilerplate Salyut was launched successfully and tested under the guise of Cosmos 382. The successful test of the second boilerplate spacecraft set the stage for the Soyuz 10 and 11 missions, which rendezvoused with the only successful Salyut ever launched. With the Salyut inoperative, the Soviets are left with at least one SL-13 launch vehicle mated to a Soyuz spacecraft.

The Soviets are not expected to postpone manned flights until their linkup with an Apollo spacecraft under the Apollo Soyuz Test Project in July, 1975, so a manned Soyuz flight using the existing hardware might take place soon in spite of the Salyut loss. For the Soviets not to use the existing Soyuz/SL-13 combination or other vehicles this year would mean a delay of more than four years between Soviet manned flights.

Had it been flown, this month's Salyut/Soyuz mission probably would have drawn from a group of cosmonauts in training for such flights including Pavel Popovich, who piloted Vostok 4; Valery Bykovsky, pilot of Vostok 5; Boris V. Volynov, who flew on Soyuz 5, and Georgi G. Shonin, who flew on Soyuz 6.



Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No 7530-66-052-8064

FROM	FILE	DATE	REFERENCES
DEPAIR	S80/1/1/P.23 (153)	5 JUN 73	YOUR S/6/1/AIR (69) OF 22 MAY 73

TO HQSC ATTENTION C INTELLO

SUBJECT REPORTS OF UNUSUAL AERIAL SIGHTINGS

Enclosed, for your records, are copies of letters from this Department to Mr M Fenton and Mr A J Evans in reply to their reports of unusual aerial sightings.

ENCLOSURES: Copies of letters to Mr M Fenton and Mr A J Evans.

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
[signature]	M CRETTON	FLG OFF	IRJ	2408

580/1/1 Pt 23 (15a)

- 4 JUN 1973

Mr M. Fenton,
48 Basin Road,
LAUNCESTON TAS 7250

Dear Sir,

With reference to your report of an unusual aerial sighting on 15th May 1973, it has been determined that the most probable cause of the sighting was orbiting debris of the Russian space station, SALYUT.

The Salyut space station was orbited by the Soviet Union on April 3rd but suffered a major malfunction on April 14th that caused the vehicle's solar cells and boom mounted radar and radio transponder to separate from the main body. Subsequent tumbling of the vehicle caused further break up, and observations have since been made of items of debris re-entering Earth's atmosphere. The main hulk of the Salyut and other items are maintaining orbit and are expected to decay and reenter the atmosphere by September.

The sighting was also witnessed by an observer at Riverside and his report is almost identical to yours.

We trust that this explanation is satisfactory and thank you for your interest.

Yours faithfully,

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

Sgt Capt
Def
4 Jun 73

580/1/1 Pt 23 (15a)

- 4 JUN 1973

Mr A.D. Evans,
175 Alanvale Road,
NEWNHAM TAS 7250

Dear Sir,

With reference to your report of an unusual aerial sighting on 15th May 1973, it has been determined that the most probable cause of the sighting was orbiting debris of the Russian space station, SALYUT.

The Salyut space station was orbited by the Soviet Union on April 3rd but suffered a major malfunction on April 14th that caused the vehicle's solar cells and boom mounted radar and radio transponder to separate from the main body. Subsequent tumbling of the vehicle caused further break up, and observations have since been made of items of debris re-entering Earth's atmosphere. The main hulk of the Salyut and other items are maintaining orbit and are expected to decay and reenter the atmosphere by September.

The sighting was also witnessed by an observer at Wynyard and his report is almost identical to yours.

We trust that this explanation is satisfactory and thank you for your interest.

Yours faithfully,

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

Explain
DAFI
1 Jun 73

MEMORANDUM

RAAF FORM A273 MAR 63

For use within the RAAF only
Write or print clearly

OUR FILE: 5/6/1/Air (69)

FROM: HQSC

DATE: 28 MAY 73

TO: DEPAIR

ATTENTION: DAFI IR-2

REFERENCES: DEPT. OF AIR DAFI 31-5-73 S80-1-1

SUBJECT: UNUSUAL AERIAL SIGHTING REPORTS

1. Attached are unusual aerial sighting reports from Messrs A.D.EVANS and M.FENTON of Tasmania.
2. No further information can be provided by this office, due to the lack of relevant satellite prediction material.

DECLASSIFIED 30 NOV 1978 DAFI

SIGNATURE	PRINTED NAME	RANK AND APPOINTMENT	PHONE EXTN
Gibbs	R.O.GIBBS	FgOff Int 1	7410

C.D.O. 9777

.....

.....

11. If there was more than one light/object : .....

a. how many were there? 1 leading followed by 6 others

b. in what formation were they? 1 in advance 4 in line behind 2 behind but slightly to west of formation

12. What was the colour of the light or object? .....
Yellowish white (star coloured)

~~RESTRICTED~~ DECLASSIFIED

RESTRICTED

REPORT ON UNUSUAL AERIAL SIGHTING

Part 1 - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer ....A.D. EVANS..... Age ....35.....

2. Address of observer .....175 Alanvale Road.....

.....Newnham..... Phone ...26 3054..

3. Occupation of observer ....Teacher.....

4. Date and time of start of observation ..15th May 1973....5.50 a.m.

How certain is the date? ....Certain.....

How accurate is the time of start?..Approx.....

5. Duration of observation ..About 5 minutes.....

How accurate is your estimate? ..Within a minute or so.....

6. Observer's location at time of sighting Fairway Cres. Riverside...

.....

How familiar is observer with this locality? .....Very.....

7. Weather conditions at time of observation .....Clear.....

.....

8. Describe any aids/equipment used in the observation .....No Aids.....

.....

9. Where was object first observed? :

a. Relative to your surroundings .....Due south in vicinity.....

.....of Southern Cross.....

b. angle of elevation .....30° from horizon.....

c. compass angle bearing .....180°T.....

d. how accurate are these estimates? .....Approx.....

10. What first attracted observer's attention? .....Moving lights.....

.....

11. If there was more than one light/object : .....

a. how many were there? ..1 leading followed by 6 others.....

b. in what formation were they? 1 in advance 4 in line behind 2 behind but slightly to west of formation

12. What was the colour of the light or object? .....

Yellowish white (star coloured)

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13. What was the brightness? (compare with full moon or common light source at a stated distance, e.g. ordinary street light at 100 yards)
Bright as Southern Cross stars

14. What was the apparent size at nearest approach? :
a. relative to Venus or Moon Satellite size
b. relative dimensions in inches at arm's length (about 20 inches from the eyes) .....

15. What were the bearing and elevation angles at nearest approach and how were these values assessed? Directly overhead (about 70°/80°)

16. Was any method of propulsion obvious? No

17. Describe any sound heard, including changes in pitch and intensity
None

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? 80°/30°

19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances .....
5 mins for approx 50° radius

20. Give duration of any stationary phases None

21. Describe any deviations or manoeuvres None

22. Describe any trail of exhaust, vapour or light seen No

23. Where was object last observed :
a. relative to your surroundings Towards NE
b. angle of elevation Approx. 40°
c. compass angle bearing NE

24. What was the manner of its disappearance? Gave up looking

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching ground identations, residual magnetism or radioactivity etc) No

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity .....
School teacher dealing in Maths and Science

27. How many witness to the sighting? None known

~~RESTRICTED~~ UNCLASSIFIED

28. Do you know of witnesses to similar sightings in the area?

.....No.....

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? .....Satellite.....

.....

30. What are your main reasons for excluding this explanation?

...Formation behind the leading light.....

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.

Signature ..... Date .....

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Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time :

A/C type .....(1).....(2).....(3)

Heading .....T ..... T ..... T

Height .....,000 ft .....,000 ft .....,000 ft.

Speed ..... K ..... K ..... K

ATD/ATA* ..... hrs ..... hrs ..... hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time :

A/C type None Known.....(1) .....(2) .....(3)

Heading ..... T ..... T ..... T

Height .....,000 ft .....,000 ft .....,000 ft.

Speed ..... K..... K ..... K

ATD/ATA* ..... hrs ..... hrs ..... hrs

* Give location of nearest ATD or ATA

34. Observer's location : Latitude ..... Longitude .....

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at that time. By day, give location of Venus only .....

36. A meteorological balloon was released from ..Launceston.....

at .....1630.....Z Colour .....Silver.....Weight.....gm

Radio-sonde **/radar ** : Candle **/ battery** (** delete as required)

General wind profile .....S - SW.....

Maximum height tracked .....45,000 ft at .....1800.....Z

Was it known to have burst? Yes

37. The first significant temperature inversion was of .....Nil.....°C at ..... ft, measured at .....Z hrs from ..... station.

38. Any remarks on satellites, rockets, research balloons, comets meteorites etc. relevant to the sighting .....

39. When an aircraft is a possible identification, include radar trace

UNCLASSIFIED

if available, and ascertain which of the aircraft lights were operating

.....

40. The cause (or likely cause) of the sighting can*/cannot* be determined.

41. The object reported probably ~~was~~*/may have been* (delete as required)

Skylab

.....

.....LAUNCESTON A.T.C.(D.C.A.).....(Unit) .....J. T. W. DOBSON.....(Name)

.....15/4/73.....(Date) .....S.O.C.....(Rank)

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15 MAY 73 D 2030

14

WYNYARD
TAS

MR. M. FENTON

UNCLASSIFIED

~~RESTRICTED~~

REPORT ON UNUSUAL AERIAL SIGHTING

Part 1 - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer...MALCOLM FENTON.....Age..22.....

2. Address of observer.....48 Basin Road.....

.....Launceston.....Phone.31.3551

3. Occupation of observer....News Delivery.....

4. Date and time of start of observation..15/5/23..6.10 a.m.....

How certain is the date?.....Positive.....

How accurate is the time of start?...Pretty sure.....

5. Duration of observation....approx..2.-.3 minutes.....

How accurate is your estimate?.....

6. Observer's location at time of sighting.....Wynyard Golf Course

.....

How familiar is observer with this locality?.....Very.....

7. Weather conditions at time of observation.....Clear.....

.....

8. Describe any aids/equipment used in the observation...Nil.....

.....

9. Where was object first observed? :

a. Relative to your surroundings.....South West.....

.....

b. angle of elevation.....20.-.30°.....

c. compass angle bearing.....220°.....

d. how accurate are these estimates?.....Approx.....

10. What first attracted observer's attention?..Fast moving lights.....

.....

11. If there was more than one light/object :.....

a. how many were there?..1 very bright in front followed by 5.....

b. in what formation were they? 1 in front followed by 2 in line then 3 staggered.....

12. What was the colour of the light or object?..Like stars.....

1st brighter than others

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~~RESTRICTED~~

13. What was the brightness? (compare with full moon or common light sour at a stated distance, e.g. ordinary street light at 100 yards)

.....1st like street light.....others like stars.....

14. What was the apparent size at nearest approach? :

a. relative to Venus or Moon.....Larger than Venus.....

b. relative dimensions in inches at arm's lingth (about 20 inches from the eyes).....

15 What were the bearing and elevation angles at nearest approach and how were these values assessed?...To South.....

16. Was any method of propulsion obvious?...No.....

17. Describe any sound heard, including changes in pitch and intensity

.....No.....

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?.....

19. What was the maximum and minimum angular velocity (or speed, if an esti- can be justified)? If necessary, compare with the movement of familie objects at stated distances...Faster than any acft seen.....

.....

20. Give duration of any stationary phases.....

21. Describe any deviations or maneeuvres.....

22. Describe any trail of exhaust, vapour or light seen....No.....

23. Where was object last observed :

a. relative to your surroundings.....East - then turned North.....

b. angle of elevation.....Disappeared with daylight.....

c. compass angle bearing.....

24. What was the manner of its disappearance?.....Daylight.....

25. Do you know of any associated ph ysical evidence (such as fragments, photographs, scorching ground indentations, residual magnetism or radioactivity etc).....No.....

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity.Nil.....

.....

27. How many witness to the sighting?.....No.....

~~RESTRICTED~~ UNCLASSIFIED

UNCLASSIFIED

RESTRICTED

28. Do you know of witnesses to similar sightings in the area?

.....No.....

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? ..Not known.....

.....

30. What are your main reasons for excluding this explanation?

.....

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.

Signature ..... Date .....

~~RESTRICTED~~

UNCLASSIFIED

UNCLASSIFIED

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....(1).....(2).....(3)

Heading.....T..... T.....T

Height.....,000 ft.....000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

A/C type None Known.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA

34. Observer's Location : Latitude.....Longitude.....

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at that time. By day, give location of Venus only.....

36. A meteorological balloon was released from.....

at.....Z Colour.....Weight.....gm

Radio-sonde **/ radar ** : Candle **/ battery** (** delete as required)

General wind profile.....

Maximum height tracked.....,000 ft at.....Z

Was it known to have burst?

37. The first significant temperature inversion was of.....°C at .....ft, measured at.....Z hrs from..... .....station

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc. relevant to the sighting.....

39. When an aircraft is a possible identification, include radar trace

UNCLASSIFIED

28. Do you know of witnesses to similar sightings in the area?.....

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?.....

30. What are your main reasons for excluding this explanation?.....
.....

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.

Signature..... Date.....

UNCLASSIFIED

RESTRICTED

if available, and ascertain which of the aircraft lights were operating.....

40. The cause (or likely cause) of the sighting can*/cannot* be determined.

41. The object reported probably was*/may have been* (delete as required)

.....

O.C.C. LAUNCESTON AIRPORT (Unit) J.T.W. DOBSON (Name)

15/5/73 (Date) SOC (Rank)

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UNCLASSIFIED

12 MAY 73 D 2031

13

MASCOT
NSW

MR. C. McCREA

REPORT OF UNUSUAL AERIAL SIGHTINGS

Part 1 - Report by Observer

1. Name of observer Nigel van HAMBURG Age 28

Address 27 Duntroon Ave., ROSEVILLE 2069

State NSW Postcode 2069

Occupation Air Traffic Controller

Phone (home) 4064402 (business)

2. Exact location of observer Control Tower. MASCOT AIRPORT

3. Start of observation: Date 12MAY73 Time 1355Z ~~am/pm~~

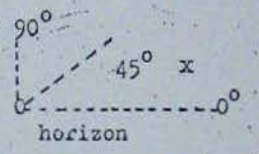
End of observation: Date 12MAY73 Time 1800Z ~~am/pm~~

4. Accuracy of date pos times pos

5. Weather conditions at time of observation, referring to cloud, wind visibility etc. Fine. Nil cloud. Calm QNH1014/1015. Twmp 9°C Dewpoint 8°C. Vis 25Ml. light mist forming from 1800Z

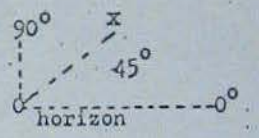
6. In what direction was the sighting first observed? 020°M

At what angle to the horizon?



7. In what direction was the sighting last observed? north (000°)

At what angle to the horizon?



8. Estimate of distance and/or altitude from observer unknown

9. Describe the object(s)/light(s) in your own words, referring to the number, colour, size, shape, brightness (relative to full moon/star), movement, sound, speed, method of propulsion, manner of disappearance and any other unusual features. If possible provide a sketch.

/2 (contd)

Description/sketch of object

The object, when first seen, appeared as a bright, suffused light with occasional red, blue and green flashes. The flashes appeared to be on the periphery of the white light as a segment of a halo. The appearance of the object did not change when viewed through a pair of 7 x 50 binoculars except to be more visible. There was no apparent movement of the object except that it appeared to oscillate with the flashes. The object was kept under observation for 4 hours in which time it moved from 020 deg to north and climbed to an elevation of about 45 deg from the horizon. At this time the object had assumed the appearance of a star.

At approximately 1600Z, the captain of a FOKKER FRIENDSHIP aircraft reported that a light appeared to be formating on and following his aircraft on the starboard side. The aircraft had just departed from MASCOT and was climbing over the city at an altitude of 5000 feet. A series of turns made under supervision of SYDNEY RADAR proved that the light was a star. The appearance of the light was consistent with that observed by the Air Traffic Controller.

Mr van Hamburg is now convinced that the light was from a star as the light, without the colour changes, was viewed in the same position on the two following nights.

/10. Have

Part 2 - Unit Report

10. Have you any photographs of the sighting, or is there any physical evidence of fragments, scorching or ground indentations? No

11. How many other witnesses to the sighting? (Please provide names and addresses if possible) FOKKER FRIENDSHIP PILOT (name not given)

Unidentified woman telephone caller from West Ryde

12. Any additional comments you wish to make.

This sighting was initiated by a telephone call from a woman in North Ryde to the Senior Operations Controller, Mr C McRAE, DCA MASCOT. (extract of DCA SOC Log attached). The information was passed to the Tower Operator, Mr N van HAMBURG, who was unable to sight the object at first but who eventually made a sighting in a position different to that given by the woman caller.

Date 19JUN73

Signature D W Neumann

D.W.NEUMANN Flt Lt

Part 2 - Unit Report

1. a. Details of military aircraft activity in the area at the time of the sighting.

Type	Heading	Height	Speed	Departed from	ATD	Destination	ATA
NIL							

Source of information Area Control SYDNEY

b. Details of civil aircraft activity, including light private aircraft and international flights, in the area at the time of the sighting.

Type	Heading	Height	Speed	Departed from	ATD	Destination	ATA
F27	North	5000+	200+	Sydney	1600	Brisbane	

Source of information DCA SYDNEY

2. Give the bearing, elevation and movement of any planets or major stars that were in that portion of the sky at the time of the sighting.

see below

Source of information AIR ALMANAC

3. Details of any predicted satellites, rockets, comets or meteorite activity in the area at the time of the sighting NONE KNOWN

Source of information

/4. Details

STAR	MAG.	2355K		0400K	
		BRG	ELEV	BRG	ELEV
RASELHAGUE	2.1	038T	34	320T	35
ALPHECCA	2.3	010T	34	305T	15
VEGA	0.1	020T	15	350T	20

Details of any meteorological, research or radar balloons known to have been in the area at the time of the sighting (refer to point of release, size, colour, ROC, wind profile and whether it was known to have burst)

None

Source of information Met Office SYDNEY AIRPORT

Details of any unusual radar traces or images, which may relate to the sightings, as recorded by military or civil networks NONE

Source of information ACC SYDNEY

Provide the following information relating to the weather and atmospheric conditions at the time of the sighting:

Temperature (dry bulb) 9 °C (wet bulb) 8 °C Relative Humidity 90 %

Cloud cover nil type

Temperature inversion of nil °C at ft measured at 13000 ~~Ars~~ ft

from

Wind direction calm at ft

upper air levels not available at

at ft

at ft

Pollution level not significant

Details of terrain and natural and/or man-made features in the area. (Attach map with significant points marked, if possible) viewed seawards over the city lights.

Part 3 - Investigating Officer's Evaluation

1. a. Date of interview 18 JUNE 73

b. Place if interview SYDNEY AIRPORT

2. Names and addresses of persons interviewed (include phone numbers where applicable)

1. Nigel van HAMBURG
27 DUNTROON AVE
ROSEVILLE 2069

2. Robert POWELL
Senior Ops Officer
MASCOT AIRPORT

3.

4.

3. Narrative evaluation of personalities of witnesses (include any relationship with UFO organizations and their interest in subject matter).

Mr C. McRAE, who submitted the report to HQOC, was not available for interview as he was involved in a court case. Mr McRAE received the report from the original caller, whose name was not recorded in the log.

Mr NIGEL van HAMBURG, Duty Air Traffic Controller, made the sighting from the Air Traffic Control Tower. He has been employed as an ATC Controller for 6 years and is regarded as very reliable.

4. Investigating officer's evaluation of possible cause(s).

Mr McRae is certain that the object seen was a star as he saw it on the two following nights; but without the technicolour effects. The initial sighting co-incides with the position of VEGA and so does the subsequent track, but the final elevation is somewhat low. RASELHAGUE and ALPHECCA are two other possibilities. It is interesting to note that the Control Tower does not contain a compass rose to confirm visual bearings, consequently all bearings and elevations of visual sightings are estimates based on the apparent relationship to the airfield runway.

HEADQUARTERS RICHMOND (Unit) D.W.NEUMANN (Name)

19JUN73 (Date) FLT LT (Rank)

DATE	TIME	REMARKS	SIGNATURE
		RE ON COURSE AT TULLAMARINE - STAYING AT MOTEL (NOT KNOWN)	
		TO CAN CONTACT - RING MOTHER AT SY 984402	
		PASSED ABOVE INFO TO MR SOC WHO ENDEAVOURING CONTACT	
	0805	FROM SEC 6 (RELAY ASPS) GA726 URGENT MSG FOR QANTAS - DOCTOR NEED ALERT - PX STOMACH PAINS	
		SUSPECT APPENDIX - PASSED QANTAS OPS ✓	
	1250	On Duty Soc	
12/5/73	1355	Report from NTH Ryde of white light with red-green ~~ma~~ navigational flashes on ~~East~~ line NTH RYDE/MANLY about 5000' No elevation by tower. Seen also subsequently thinks object is a star. Tower subsequently advises sighting a light in the sky about 020° Possibly along coast about Mona Vale Stationary and though brightness goes off occasional red-green flashes OFF One white detectable with the naked eye Reported to S/W HAY (UFO report).	
	1405	[illegible]	
	1450	On duty OFC	
	[illegible]	[illegible]	
	2000	on OFD	
	2000	On duty	
12	2000	On OAC	
	2000	Passed info to SOC	
	2220	Info received from RSK Briefing Officer to the effect that UOR [illegible]	

ROYAL AUSTRALIAN AIR FORCE

DEPT. OF AIR 580 1-1 DAFI 17.5.73

TELEPHONE: PENRITH [redacted] 311,311

TELEGRAPHIC ADDRESS:
"AIRCOMMAND, SYDNEY"

IN REPLY QUOTE 5/15/1/Air(24)

HEADQUARTERS OPERATIONAL COMMAND
RAAF
[redacted]
PENRITH NSW 2750
23rd May 1973

Department of Air (Attn: DAFI) CANBERRA

DAFI

HEADQUARTERS EVALUATION OF UFO

1. Enclosed are the report and evaluation forms completed on a UFO sighting on 12 May 1973 by Mr. Colin McCrea of the Department of Civil Aviation, Mascot NSW.

2. From perusal of the Air Almanac the object was most probably Jupiter and Mr. McCrea has agreed with this finding.

do not agree!

(W. STICKLEY)
Wing Commander
for Air Officer Commanding

Encls: Report and Evaluation forms

No further action until we hear from HQOC with another report of investigation!
1/6/73

29 MAY 1973 DAFI

(b) in what formation were they?.....

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer MR C McCREA Age.....

2. Address of observer c/ DEPARTMENT OF CIVIL AVIATION MASCOT NSW Phone 669 4876

3. Occupation of observer SENIOR OPERATIONAL AIR TRAFFIC CONTROLLER MASCOT ATC

4. Date and time of start of observation 12 MAY 73 2355 HRS

How certain is the date? CERTAIN

How accurate is the time of start ACCURATE

5. Duration of observation FROM 2355 TO APPROX 0100

How accurate is your estimate? ACCURATE

6. Observer's location at time of sighting MASCOT TOWER

How familiar is observer with this locality? COMPLETELY FAMILIAR

7. Weather conditions at time of observation CLEAR SKY - NO CLOUD BUT SLIGHT HAZE

8. Describe any aids/equipment used in the observation MASCOT AIRFIELD ORIENTATION. FOR AZIMUTH: - EXTENDED HAND FOR ELEVATION

9. Where was object first observed:

(a) Relative to your surroundings 020° MAGNETIC FROM MASCOT CONTROL TOWER

(b) angle of elevation ABOUT 5°

(c) compass angle bearing 020°

(d) how accurate are these estimates RELATIVELY ACCURATE

10. What first attracted observer's attention? CALL BY WOMAN (NAME NOT GIVEN) FROM N. RYDE THAT SHE HAD OBSERVED THE OBJECT IN THE EASTERN SKY) MCCREA THEN OBSERVED FROM TOWER

11. If there was more than one light/object:

(a) how many were there? ONE

(b) in what formation were they? -

12. What was the colour of the light or object? WHITE LIGHT WITH OCCASIONAL RED / GREEN FLASHES. OBSERVED THROUGH BINOCULARS.

13. What was the brightness? (compare with full moon or common light source at a stated distance, e.g. ordinary street light at 100 yards) BRIGHT

14. What was the apparent size at nearest approach:

(a) relative to Venus or Moon .....

(b) relative dimensions in inches at arm's length (about 20 inches from the eyes).....

15. What were the bearing and elevation angles at nearest approach and how were these values assessed? 020 FROM MASCOT TOWER - 5° ABOVE HORIZON.

16. Was any method of propulsion obvious? No

17. Describe any sound heard, including changes in pitch and intensity..... No.

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? LOW ON HORIZON.

19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances..... ONLY SLIGHT MOVEMENT OBSERVED BETWEEN 2355 HRS - 0100 HRS

20. Give duration of any stationary phases..... SLOW MOVING

21. Describe any deviations or manoeuvres..... NONE

22. Describe any trail of exhaust, vapour or light seen..... NONE

.....

23. Where was object last observed:

(a) relative to your surroundings MOVING FROM E SLOWLY THROUGH N.

(b) angle of elevation LOW (ABOUT 5°)

(c) compass angle bearing 020 - 000 (APPROX)

24. What was the manner of its disappearance? NOT RECORDED

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc) NO

.....

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity ..... Ex RAAF AND AIC. FOR MANY YRS.

27. How many witness to the sighting?..... AT LEAST FOUR .....

28. Do you know of witnesses to similar sightings in the area?..... CAPT SID FOSTER OF AIRLINK OF NSW WHO WAS BRIEFED BEFORE TAKE OFF TO LOOK OUT FOR OBJECT. HE REPORTED SIGHTING BY R/T.

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?..... JUPITER .....

30. What are your main reasons for excluding this explanation?..... HONK -

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.

Signature..... Date..... 23 May 73

(Spoke to Mrs. Hyde over the phone — he also agreed that it was most likely JUPITER)

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....,000 ft.....,000ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA.

34. Observer's Location: Latitude.....Longitude.....

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at that time. By day, give location of Venus only.....JUPITER AT 2300 HRS.....
.....12 MAY AT AAT 35° WAS IN THE E/SE SKY (110°T)
AND ABOUT 5° ABOVE THE HORIZON

36. A meteorological balloon was released from.....

at.....Z Colour.....Weight.....gm

Radio-sonde**/radar**: Candle**/battery**(** delete as required)

General-wind profile.....

Maximum height tracked....., 000 ft at.....Z

Was it known to have burst?.....

37. The first significant temperature inversion was of.....°C at

.....ft, measured at.....Z hrs from.....

.....station.

38. Any remarks on satellites, rockets, research balloons, comments, meteorites etc. relevant to the sighting.....

~~RESTRICTED~~

39. When an aircraft is a possible identification, include radar trace if available, and ascertain which of the aircraft lights were operating .....
.....

40. The cause (or likely cause) of the sighting can*/~~cannot*~~ be determined.

41. The object reported probably was*/~~may have been*~~ (delete as required)

JUPITER
.....

Does not equate to reporter's description of bearing (020°M).

1490
.....(Unit)

D Stubbs
.....(Name)

23 May 93
.....(Date)

Sq Ldr
.....(Rank)

~~RESTRICTED~~

13 MAR 73

12

SUBIACO
WESTERN AUSTRALIA MR. A. S. FOLEY

COMMONWEALTH OF AUSTRALIA

TELEPHONE: 65-9111

TELEGRAPHIC ADDRESS
"AIRFORCE, CANBERRA"

IN REPLY QUOTE 580/1/1 Pt23 (12a)

DEPARTMENT OF AIR
RUSSELL OFFICES
CANBERRA ACT 2600

- 4 JUN 1973

Mr A.S. Foley,
1 Rokeby Road,
SUBIACO WA 6008

Dear Sir,

With reference to your report of an unusual aerial sighting on 13th March 1973, we regret that because of the delay in receiving this report, our investigating team has been unable to conclusively determine its cause.

Normally, logical explanations are available in answer to sighting reports and we feel that the most likely cause of your sighting was an aircraft entering the final approach circuit for Perth Airport, but due to destruction of traffic information pertaining to that date, this theory is impossible to verify.

We hope that this explanation will be satisfactory to you and thank you for your interest.

Yours faithfully,

G.J. Odgers

(G.J. ODGERS)
Director of Public Relations

O.H.M.S.

CANBERRA 5 VI 73

JG2 Postage Paid =007 Australia

Mr A.S. Foley,
1 Rokeby Road,
SUBIACO, WA 6008

RETURN SENDER

COMMONWEALTH OF AUSTRALIA
DEPARTMENT OF AIR,
IF NOT DELIVERED WITHIN 7 DAYS, RETURN TO

CANBERRA A.C.T.

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No 7530-66-052-8064

FROM	FILE	DATE	REFERENCES
DEPAIR	580/1/1 Pt 23(12 b)	5 JUN 73	

TO	ATTENTION
HQPEA	FLG OFF PYERS

SUBJECT
REPORT OF UNUSUAL AERIAL SIGHTING

Enclosed, for your records, is a copy of a letter from this Department to Mr A.S. Foley in reply to his report of an unusual aerial sighting.

ENCLOSURE: Copy of letter to Mr A.S. Foley

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
M Cretton	M CRETTON	FLG OFF	IR 2	J406

580/1/1 Pt23 (12a)

- 4 JUN 1973

Mr A.S. Foley,
1 Rokeby Road,
SUBIACO WA 6008

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We hope that this explanation will be satisfactory to you and thank you for your interest.

Yours faithfully,

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

Explan
Dft
1 Jun 73

ROYAL AUSTRALIAN AIR FORCE

TELEPHONE: 690550

TELEGRAPHIC ADDRESS:
"AIRCOMMAND, MELBOURNE"

HEADQUARTERS SUPPORT COMMAND
RAAF
VICTORIA BARRACKS
MELBOURNE SC1 VIC 3004

DEPT. OF AIR 580-1-1 DAFI 17 5 73

IN REPLY QUOTE 5/6/1/Air(66)

24 MAY 1973

Department of Air (DAFI)

DAFI

REPORT OF UNUSUAL AERIAL SIGHTING

Enclosed is an unusual aerial sighting report forwarded from RAAF Pearce. The original report was apparently forwarded in error to Headquarters Operational Command.

(R.O. GIBBS)
Flying Officer
For Air Officer Commanding

Enclosure: 1. Report by A.J. Foley, Subiaco

RECEIVED 29 MAY 1973 DAFI

REWRITE of REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form)

1. Name of observer ANTHONY SHAUN FOLEY. AGE 41.
2. Address of observer No. 1 ROKEBY RD. SUBIACO. WA 6008 Phone.....
3. Occupation of observer .....
4. Date and time of start of observation 13 MAR 73. 9PM

   How certain is the date? .....

   How accurate is the time of start Made Phone call to Dept. of CIVIL AVIATION SOMEWHS AFTER NOT KNOWN HOW MANY MINS AFTER
5. Duration of observation ABOUT 1 MINUTE.....

   How accurate is your estimate? .....
6. Observer's location at time of sighting.....
   NO 1 ROKEBY RD SUBIACO.....

   How familiar is observer with this locality?.....
   WENT AROUND AREA SOMETIMES.....
7. Weather conditions at time of observation.....
   CLEAR EVENING.....
8. Describe any aids/equipment used in the observation
   EYES.....
9. Where was object first observed? :

   (a) Relative to your surroundings ..... OVAL OFF THOMAS ST, ONSLOW RD AND ST SHENTON PARK NEAR SIR CHARLES GAIRDNER HOSPITAL

   (b) Angle of elevation STRAIGHT UP. TURNED SOUTH

   (c) compass angle bearing 87½ DEGREES WITH NO COMPASS

   (d) how accurate are these estimates .....
10. What first attracted observer's attention? ..... UNUSUAL LIGHTS IN SKY.....

/11.

11. If there was more than one light/object: SEEMED SEVERAL LIGHTS CLOSE TO ONE ANOTHER
    (a) how many were there? RED & WHITE LIKE ..... SHAPE
    (b) in what formation were they? WHITE LIGHT RED LIGHT IN CENTRE
12. What was the colour of the light or object? RED AND WHITE
13. What was the brightness? (compare with full moon or common light source at a stated distance, eg, ordinary street light at 100 yards) ABOUT BRIGHTNESS OF STARS
14. What was the apparent size at nearest approach:
    (a) relative to Venus or Moon .....
    (b) relative dimensions in inches at arm's length (about 20 inches from the eyes)
    ABOUT 8 FT LONG 4" TO 8" WIDE
15. What were the bearing and elevation angles at nearest approach and how were these values assessed? STRAIGHT THEN TURNED ARC LIKE SOUTH THEN ..... SOUTH WEST TO COAST
16. Was any method of propulsion obvious? NO
17. Describe any sound heard, including changes in pitch and intensity ROSE FIRST NOTICED ABOVE GROUND LEVEL TO ABOUT 200FT IN SKY
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? ROSE TO ABOUT 200FT STRAIGHT UP TURNED IN SOUTH DIRECTION THEN DESCENDED
19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances .....
    .....
20. Give duration of any stationary phases .....
21. Describe any deviations or manoeuvres TURNED SOUTH THEN DESCENDED
22. Describe any trail of exhaust, vapour or light seen WHITE RED WHITE TRAIL
23. Where was object last observed? :
    (a) relative to your surroundings SOUTH WEST OF ADDRESS
    (b) angle of elevation STRAIGHT UP TURNED SOUTH

/(c)

(c) compass angle bearing. 8 1½ degrees with no compass

24. What was the manner of its disappearance? SIMILAR TO SWITCHING ELECTRIC LIGHT OFF

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity, etc)? 15 DAYS AFTER SOMEB. DRY GRASS AT CORNER OF OVAL AND THOMAS ST AND OFF THOMAS ST & ONSLOW RD SHENTON PARK [CAUGHT FIRE?]

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity .....

27. How many witnesses to the sighting? .....

28. Do you know of witnesses to similar sightings in the area? .....

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? WHITE & RED LIGHTNING

30. What are your main reasons for excluding this explanation? DID NOT SEEM TO BE A USUAL OBJECT OR LIGHTS IN SKY

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.

Signature ..... Date .....

WHITE RED LIGHTS

080

7

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type .....(1).....(2).....(3)
Heading.....T.....T.....T
Height .....,000ft.....,000ft.....,000ft
Speed .....K.....K.....K
ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

A/C type .....(1).....(2).....(3)
Heading.....T.....T.....T
Height.....,000ft.....,000ft.....,000ft
Speed.....K.....K.....K
ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA.

34. Observer's Location: Latitude.....Longitude.....

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at that time. By day, give location of Venus only.....
.....

36. A meteorological balloon was released from .....
at .....Z Colour ..... Weight.....gm
Radio-sonde**/radar**: Candle**/battery**(**delete as required)
General wind profile .....
Maximum height tracked.....,000ft at .....Z
Was it known to have burst?.....

/37.

37. The first significant temperature inversion was of .....°C at .....ft, measured at .....Z hrs from .....station.

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc. relevant to the sighting .....

39. When an aircraft is a possible identification, include radar trace if available, and ascertain which of the aircraft lights were operating .....

.....

40. The cause (or likely cause) of the sighting can*/ cannot* be determined.

41. The object reported probably was*/may have been* (delete as required)

.....

.....(Unit) .....(Name)

.....(Date) .....(Rank)

ANNEX E

REPORT ON UNUSUAL AERIAL SIGHTING

Part 1 - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form)

1. Name of Observer ...[illegible]... Age. [illegible]

2. Address of Observer... [illegible] ...
[illegible] Phone Number.....

3. Occupation of Observer.....

4. Dat & Time of Start of Observation....13 MAR 73 9 PM.....
How certain is the date?.....
How accurate is the time of start?..Myself, friend, Sgt. R. Aberdeen of Royal Scottish
5. Duration of Observation...About 1 minute.....
How accurate is your estimate?.....

6. Observer's location at time of sighting. R.A.F. Kirkwall, Orkney, U.K.
.....
How familiar is observer with this locality?..I went round 8 yrs. previously

7. Weather conditions at time of observation...CLEAR, CALM.....
.....

8. Describe any aids/equipment used in the observation...Eyes.....
.....

9. Where was object first observed?:
a. Relative to your surroundings..Looking Due N. from Nissen Hut - Duncan Rd
.A. Aberdeen St. Thurston Park, Near to Church, Gardens, Hospital
b. Angle of elevation..Straight up, Zenith, South.....
c. Compass angle bearing.....E.N.E. Degrees N.A.M. confirmed.....
d. How accurate are these estimates?.....

10. What first attracted observer's attention?..WAS A BRIGHT OBJECT
..LIKE STAR.....

11. If there was more than one light/object: seemed several lights Dark & orb like
a. How many were there? ..TWO: RED & WHITE. LARGER RED SHAPE
b. in what formation were they?..WHITE LIGHT, RED LIGHT IN CENTRE.

/ 12. What was

12. What was the colour of the light or object? RED + WHITE

13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)
DOUBT BRIGHTNESS OF STARS

14. What was the apparent size at nearest approach? : about ~~8~~ 1st mag.
a. relative to Venus or Moon
b. relative dimensions in inches at arm's length (About 20 inches from eyes) POINT 8 FEET LONG 4 inches 6 inches width

15. What were the bearing and elevation angles at nearest approach and how were these values assessed? STRAIGHT THEN TURNED ARC LIKE sound
Town direction South West to South

16. Was any method of propulsion obvious? No

17. Describe any sound heard, including changes in pitch and intensity
Low Just wind about ground level

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?
to about 200ft in sky
First to POINT 200 FEET straight up turned in South east direction then disappeared

19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances... about 1st mag star speed

20. Give duration of any stationary phases sound

21. Describe any deviations or manoeuvres Went South East then disappeared

22. Describe any trail of exhaust, vapour or light seen WHITE RED
WHITE TRAIL

23. Where was object last observed? :
a. relative to your surroundings South West of address
b. angle of elevation straight up then South
c. compass angle bearing SW Again No compass

24. What was the manner of its disappearance? SUDDENLY TO SWITCHED ELECTRIC LIGHT OUT

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity, etc)
18 days after site from dry grass at corner of road 20ft there at Cadbury Rd Heath Park

/ 26. State any

State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity.

.....

27. How many witnesses to the sighting? .....

28. Do you know of witnesses to similar sightings in the area?

.....

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?

WHITE + RED LIGHTING ?

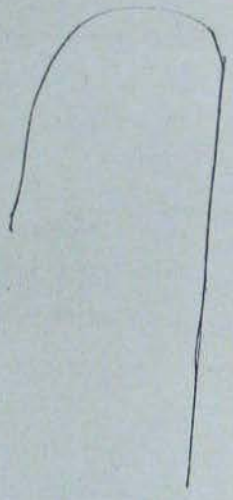
.....

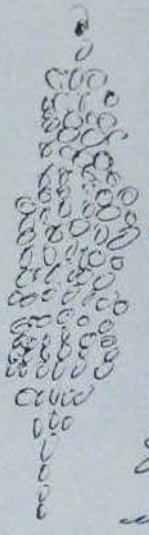
30. What are your main reasons for excluding this explanation?

Did not seem to be a usual light or lights in sky.....

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form if needed.

WHITE + RED LIGHTS.





87½ degrees 3
with no compass

Signature..... Date.....

Recall being asked questions by Police in Sydney rather
of Sylvia, a long time ago - Not since 1952.

Also at H.M.A.S. Albatross Nowra. N.S.W. in 1952.

at Yerranus Guest House Gladesville N.S.W.

My mom who cut me down with boy.

Ronald. ~~God~~ gave the name of Ronald Norman

Norris - 1967 June July August 1967

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time: NIL

A/C type.....(1).....(2).....(3)

Heading.....T .....T.....T

Height .....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time: NIL

A/C type .....(1).....(2).....(3)

Heading .....T.....T.....T

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA* .....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA.

34. Observer's Location: Latitude.....Longitude.....

35. Give bearing and elevation of any planets and major stars that were in that position of the sky at that time. By day, give location of Venus only.

.....

36/ A meteorological balloon was released from ...APPH.....

1900 WST at .....1100.....Z. Colour.WHITE....Weight.....500.....gm

Radio-sonde **/ ~~radar **~~ ; Candle **/ battery** (** ~~Delete as~~ required.)

23" TARGET SMALL LANTERN ON BOTTOM OF SONDE

General wind profile..070/16..350/13..270/19..270/26..→.....270/30 280/62

010-060 070 100 120 450 530

Maximum height tracked.....90,000 ft at .....1230..Z

Was it known to have burst ? +26°

37. The first significant temperature inversion was of +28.5.....°C

at .....1500ft, measured at ...1100...Z hrs from ..APPH.....

.....station.

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc relevant to the sighting.

.....NIL.....

/ 39. When an

39. When identified as possible aircraft, include radar trace if available, and ascertain which of the aircraft lights were operating.

N/A

40. The cause (or likely cause) of the sighting ~~can~~ */cannot" be determined.

41. The object reported probably ~~was~~ * / may have been*
(delete as required)

AN AIRCRAFT

HEADQUATERS RAAF PEARCE — 3MAY73
(Unit) (Date)

R. PYERS — FLG OFF
(Name of Investigating Officer) (Rank)

APR
8 73

11

NUNAWADING G.L & S.M. AUGUSTINI
VICTORIA

580/1/1 Pt23 (11a)

13 JUL 1973

G.L. & S.M. Augustini,
6 Koala Avenue,
NUNAWADING VIC 3131

Dear Mr & Mrs Augustini,

With reference to your report of an unusual aerial sighting on 8th April 1973, it has been determined that the most probable cause was the crescent moon setting.

At 9.00 pm on 8th April the moon was visible to the WNW low on the horizon, and during the period of the sighting would have disappeared below the horizon. Pollutants in the air over Melbourne would account for the changing shape of the object and the bright orange glow described in your report.

Returned herewith are your two negatives. We trust that this explanation is satisfactory, and thank you for your interest.

Yours faithfully,

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

Typed
DAFN
12 Jul 73

Noted
Copy sent to Hasc
on 580/1/1 Pt 25 (5b)
16 Jul 73.

Noted
Dup 4 DAFN
13.7.73
AD

PLEASE POST EARL
BEFORE LUNCH
BEFORE FOUR O'CLOCK

Director of Air Force
Intelligence,
Department of Air,
Canberra
A.C.T.

6 Koala Ave,
Nunawading 313.
Victoria

Dear Sirs,

I enclose negatives of photos my husband took of a U.F.O. We have told your Melbourne office that they were blank, but they asked us to send them to you.

Yours faithfully
Sylvia Augustin

ROYAL AUSTRALIAN AIR FORCE

DEPT. OF AIR
DAFI 12 5 73
580-1-1

TELEPHONE: 690550

TELEGRAPHIC ADDRESS:
"AIRCOMMAND, MELBOURNE"

HEADQUARTERS SUPPORT COMMAND
RAAF
VICTORIA BARRACKS
MELBOURNE SC1 VIC 3004

IN REPLY QUOTE 5/6/1/Air(65)

24 MAY 1973

Department of Air (DAFI)

DAFI

REPORTS OF UNUSUAL AERIAL SIGHTINGS

Attached are unusual aerial sighting reports from Mr, Mrs Augustini and Miss R. Brockfield.

(R.R. RODDY)
Squadron Leader
For Air Officer Commanding

Enclosures: 2 Reports

RECEIVED
28 MAY 1973
DAFI

RECEIVED
25 MAY 1973
AIR REGISTRY
CANBERRA

~~RESTRICTED~~

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer GARY LYSLE AUGUSTINI / SYLVIA MAY AUGUSTINI ..... Age 28 / 28

2. Address of observer 6 KOALA AVE NUNAWADING
MELBOURNE VICTORIA ..... Phone 877 1048 / 873 8309 BUS

3. Occupation of observer LADIES HAIRDRESSER

4. Date and time of start of observation 8-4-73 APPX 9-18 PM

How certain is the date? EXACT

How accurate is the time of start? ALMOST EXACT

5. Duration of observation 10 MIN APPROX

How accurate is your estimate? ALMOST EXACT

6. Observer's location at time of sighting ABOVE ADDRESS FROM KITCHEN WINDOW & SIDE FENCE STANDING ON TOP

How familiar is observer with this locality? VERY FAMILIAR

7. Weather conditions at time of observation VERY CLEAR NIGHT

8. Describe any aids/equipment used in the observation TOOK PHOTOES & HAVE GOOD EYESITE FROM LATE INSURANCE TESTS.

9. Where was object first observed? : JUST PAST SHOPPING TOWN

a. Relative to your surroundings LOOKING FROM OUR HOUSE

b. angle of elevation IT WAS THE SAME HEIGHT PLANES COME IN FROM TASMANIA

c. compass angle bearing

d. how accurate are these estimates?

10. What first attracted observer's attention? A BRIGHT ORANGE TO RED FIER LIKE GLOW IN THE SKY.

11. If there was more than one light/object :

a. how many were there? ONE

b. in what formation were they? LARGE HALF MOON LIKE A CHINESE SHOE SHAPE

12. What was the colour of the light or object? ORANGE TO RED.

~~RESTRICTED~~

13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)... FIRE ... FROM ... 4 MILES ... LIKE ... WHEN BOWWATER SCOTT WAS ON FIRE (approached bowater Scott but not permitted get close to seeking another building - will report)

14. What was the apparent size at nearest approach?:

a. relative to Venus or Moon... SAME SIZE AS ½ MOON THE FOLLOWING NIGHT

b. relative dimensions in inches at arm's length (about 20 inches from the eyes).....

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?.....

16. Was any method of propulsion obvious?... A SMALL PROPELLOR LIKE ON A HELICOPTER

17. Describe any sound heard, including changes in pitch and intensity

.....

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?... SAME AS THE PLANES THAT GO TO TULLA FROM TASMANIA

19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances ... ABOUT ... THE SAME AS THE PLANES MENTIONED

.....

20. Give duration of any stationary phases... IT WENT SLOW AT THE BEGINNING OF OBSERVATION

21. Describe any deviations or manoeuvres... SEEMED TO CHANGE SHAPE.

22. Describe any trail of exhaust, vapour or light seen... ALL WAYS BRIGHT ORANGE TO RED. NO EXHAUST SEEN

23. Where was object last observed :

a. relative to your surroundings... GOING OVER HORIZON

b. angle of elevation.....

c. compass angle bearing.....

24. What was the manner of its disappearance?... FAST) IT SEEMED TO GO SMALL

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc)... PHOTOS BEING DEVELOPED.

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity.....

.....

27. How many witness to the sighting?... MY WIFE + I .....

~~RESTRICTED~~

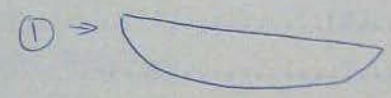
28. Do you know of witnesses to similar sightings in the area?...NO.....

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?....NON.....

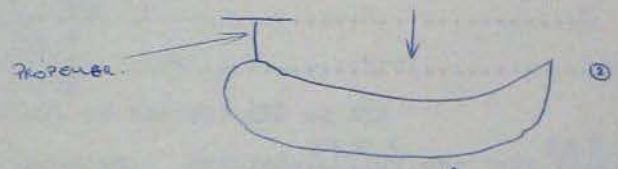
30. What are your main reasons for excluding this explanation?.....
.....NEVER SEEN ANY THING LIKE THIS BEFORE.....

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.

FIRST SIGHT THROUGH WINDOW BRIGHT RED TO ORANGE.



THEN MOVING N^TH EAST CHANGED SHAPE TO



IT SLOWED DOWN WHEN THIS HAPPENED

Signature...[signature]..... Date...11-4-73.....

~~RESTRICTED~~

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type...Nil.....(1).....(2).....(3)

Heading..... T .....T..... (T)

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time.

A/C type...boeing 727...(1).....(2).....(3)

Heading...about 300°...T.....T.....T

Height...about 3,000 - 5,000 ft.....000 ft.....000 ft

Speed...about 240...K.....K.....K

ATD/ATA*...~~2127~~ 2105...hrs.....hrs.....hrs

* Give location of nearest ATD or ATA

34. Observer's Location: Latitude...37.50S...Longitude...145.09E

35. Give bearing and elevation of any planets and major stars that were in that position of the sky at that time. By day, give location of Venus only.

...Not considered.....

36. A meteorological balloon was released from...LAV...
not considered due rate of rise (500' per min)
at.....Z..Colour.....Weight.....gm

Radio-sonde** radar** : Candle ** battery **
(Delete as required)

General wind profile.....

Maximum height tracked.....00 ft at.....Z

Was it known to have burst?

37. The first significant temperature inversion was of
....not considered...at.....ft measured at.....Z hrs from.....

.....station.

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc, relavant to the sighting.

.....Nil.....

/39. When an

10 MAY 73

NOBLE PARK
VICTORIA

10

MISS ROSALIE BROCKFIELD

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No 7530-66-052-8064

FROM	FILE	DATE	REFERENCES
DEPAIR	580/1/1 P 25/10b)	7 JUN 73	HQSC 5/6/1/AIR(65) of 24 May 73

TO HQSC ATTENTION CINTELLO

SUBJECT REPORT OF UNUSUAL AERIAL SIGHTING

Enclosed, for your records, is a copy of a letter from this Department to Miss R. Brockfield, in reply to her report of an unusual aerial sighting.

ENCLOSURE: Copy of letter to Miss R Brockfield

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
M Cretton	M. CRETTON	FLG OFF	IR-2	2408

580/1/1 Pt 23 (10a)

- 5 JUN 1973

Miss R. Brockfield,
2 Knox Street,
NOBLE PARK, VIC 3174

Dear Miss Brockfield,

With reference to your report of an unusual aerial sighting on 10th May 1973, it has been determined that the most probable cause was the re-entry to Earth's atmosphere of the space vehicle 1973-018C.

Extracts of information contained in the Space-warning Bulletin, issued from the World Warning Agency for Satellites, shows that the space vehicle 1973-018C was an associated item of equipment involved in the launching of MOLNIYA 2, (1973-018A). MOLNIYA 2 is a Russian satellite which was launched on April 5 and carries apparatus for transmitting television programmes and multichannel radio communications. 1973-018C was predicted to decay from orbit and re-enter the atmosphere on May 10.

From your description of the sighting, the investigating team is of the opinion that you saw the commencement of re-entry of 1973-018C on a trajectory through the southern hemisphere. The unusual lighting of the object was probably due to variations in atmospheric density and separation of smaller items from the main body.

We thank you for your interest and trust that this explanation is satisfactory.

Yours faithfully,

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

~~RESTRICTED~~

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer ..ROSALIE BROCKFIELD.....Age ..15 YEARS....

2. Address of observer..2 KNOX STREET, NOBLE PARK. 3174.....

.....Phone..546-7619.....

3. Occupation of observer....STUDENT.....

4. Date and time of start of observation.10-5-73...TIME - 7.30 P.M.

How certain is the date?..VERY CERTAIN...(WRITTEN IN DIARY)..

How accurate is the time of start?..FAIRLY ACCURATE (BETWEEN 7.30-7.45)

5. Duration of observation..APPX...7 MINUTES.....

How accurate is your estimate?...VERY ACCURATE.....

6. Observer's location at time of sighting..NEAR RAILWAY STATION, RAILWAY PDE, DANDENONG.....

How familiar is observer with this locality?..VERY FAMILIAR.....

7. Weather conditions at time of observation..VERY CLEAR.....

.....

8. Describe any aids/equipment used in the observation. NO AIDS.....

.....

9. Where was object first observed? :

a. Relative to your surroundings...IN THE SKY. THROUGH WINDSCREEN FROM FRONT SEAT OF A CAR.....

b. angle of elevation.....20°.....

c. compass angle bearing...EAST.....

d. how accurate are these estimates?..FAIRLY ACCURATE.....

10. What first attracted observer's attention?..A BRIGHT LIGHT.....TRAVELLING LOW IN THE SKY.....

11. If there was more than one light/object :

a. how many were there?.....NO.....

b. in what formation were they?.....

12. What was the colour of the light or object?..WHITE.....

~~RESTRICTED~~

~~RESTRICTED~~

13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)....VERY...BRIGHT.....

14. What was the apparent size at nearest approach?:

a. relative to Venus or Moon..AS.BIG.AS.A.FULL.MOON.....

b. relative dimensions in inches at arm's length (about 20 inches from the eyes)....3½.inches.....

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?..NORTH.EAST.BY.EAST..BY.KNOWLEDGE.OF.BEARING LEARNT AT SCHOOL

16. Was any method of propulsion obvious?...NO.....

17. Describe any sound heard, including changes in pitch and intensity .....NILL.....

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?..20°..and.elevated.to..45°.....

19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances .TRAVELLING.....
...FAIRLY.SLOWLY.....

20. Give duration of any stationary phases.APPEARED.NOT.TO.STOP.(VIEW.WAS.BLOCKED.A.TIMES BY.BUILDING

21. Describe any deviations or manoeuvres.A..SLOW.CIRCULAR.SWEEPING.MOVEMENT ACROSS SKY

22. Describe any trail of exhaust, vapour or light seen..NILL.....

23. Where was object last observed :

a. relative to your surroundings.DISAPPEARED.BEHIND.DANDY.PRODUCE.MARKET (NORTH)

b. angle of elevation...10°.....

c. compass angle bearing...NORTH.....

24. What was the manner of its disappearance?.GRADUALLY.INTO.THE.DISTANCE..

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc).....NIL.....

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity..JUST.....
...HIGH.SCHOOL.SCIENCE.KNOWLEDGE.....

27. How many witness to the sighting?....THREE.....

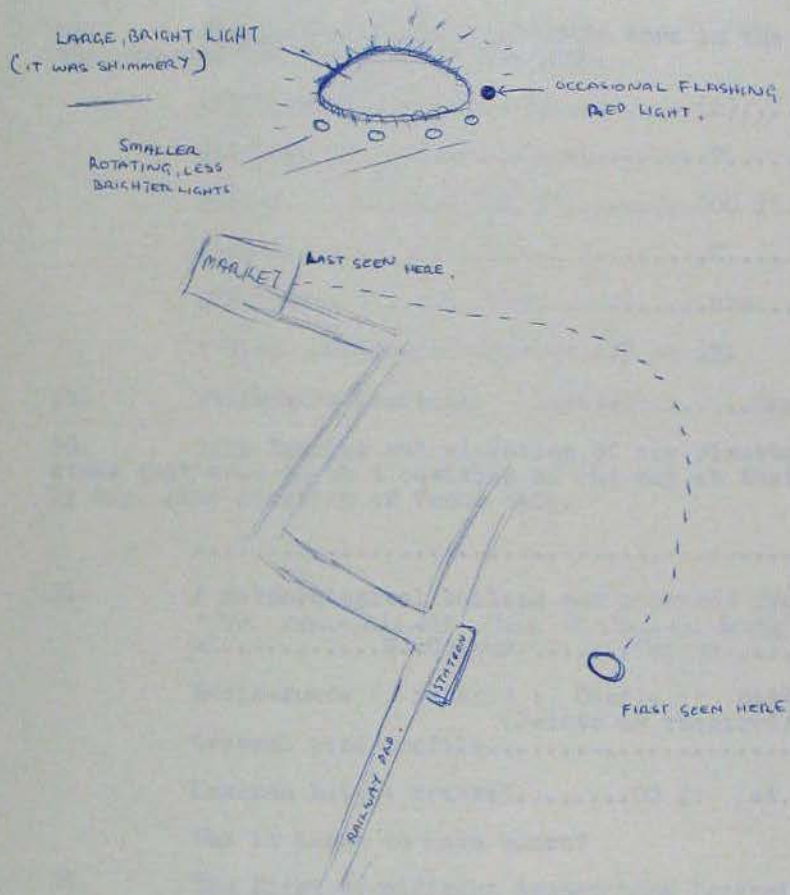
~~RESTRICTED~~

28. Do you know of witnesses to similar sightings in the area?..NO.....

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?...A LOW FLYING HELICOPTER.....

30. What are your main reasons for excluding this explanation?..THERE..... WAS NO SOUND FROM IT AND THE OTHER SMALLER LIGHTS WERE NOT IN THE CORRECT PLACE

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.



Signature: Brookfield..... Date..15 - 5 - 1973.....

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....Nil.....(1).....(2).....(3)

Heading..... T .....T..... (T)

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time.

A/C type.....Nil.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....000 ft.....000 ft.....000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA

34. Observer's Location: Latitude.....Longitude.....

35. Give bearing and elevation of any planets and major stars that were in that position of the sky at that time. By day, give location of Venus only.

.....

36. A meteorological balloon was released from.....LAV.....
Not considered due distance/rate of rise
at.....Z..Colour.....Weight.....gm

Radio-sonde** radar** : Candle ** battery **
(Delete as required)

General wind profile.....

Maximum height tracked.....00 ft at.....Z

Was it known to have burst?

37. The first significant temperature inversion was of
3 Aer 5,400 ft measured at.....1100.....Z hrs from.....LAV.....

.....station.

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc, relevant to the sighting.

.....Nil. Sorry, Will.....

21 9pm.
11002 10MAY

/39. When an

I am very strong inversion has broke during day reformed at night from about 7:30 5,500

39. When an aircraft is a possible identification, include radar trace if available and ascertain which of the aircraft lights were operating.

N/A

40. The cause (or likely cause) of the sighting ** ~~can~~/cannot be determined.

41. The object reported ~~probably was~~ ** / may have been connected with a very strong inversion which broke during the day and reformed after sunset. It is the opinion of the Melbourne Met. Bureau that the inversion ** may have been reforming in Dandenong area at the time of the sighting reported. The 1100Z reading showed strong development which continued during the night.
No other ~~the~~ probable causes available at this time

H&SCU (Unit) 24 MAY 73 (Date)

L.O. Gibbs (Name of Investigating Officer) Flg Off (Rank)

Miss Brookfield told Sqn Ldr Roddy that her father did not like her talking to/bothering strange men. The address & telephone number given at Part I MAY be that of a girl friend. It is possible that a reply could embarrass the girl.

** Delete as necessary

Gibbs.

Decay of 1972-090B 10/5
1973-015C 10/5. ✓

22 MAY 73

9

MINTO
NSW

MR JOHN TERRY

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No 7530-66-052-8064

FROM	FILE	DATE	REFERENCES
DEPAIR	580/1/1 P.23(95)	7 JUN 73	HQRIC 5/9/AIR(GP)

TO	ATTENTION
HQRIC	F10 (AIRA)

SUBJECT
REPORT OF UNUSUAL AERIAL SIGHTING

Enclosed, for your records, is a copy of a letter from this Department to Mr J. Terry, in reply to his report of an unusual aerial sighting

ENCLOSURE: Copy of letter to Mr J Terry

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
[signature]	M CRETTON	FLG OFF	IR 2	2408

580/1/1 Pt 23 (9a)

- 5 JUN 1973

Mr J. Terrey,
82 Minto Road,
MINTO NSW 2566

Dear Sir,

With reference to your observation of an unusual aerial object as reported by you to the Army Duty Officer (Sgt. Lang) at Moorebank, and subsequently to the Royal Australian Air Force Operations Officer at Richmond, it has been determined that the most probable cause was an unusual sighting of the star CANOPUS.

On the evening of 22nd May 1973, Canopus was situated in the south western quadrant at 25° elevation and magnitude of -1. Additionally, a significant temperature inversion of 6.5°C at 2,800 feet altitude was in evidence. Sgt Lang has confirmed the sighting and has stated that he is positive that it was of a star and that when viewed by the naked eye, it appeared to pulsate, oscillate and change colour from white to a dull reddish purple. This colour change occurred when thin white cloud drifted across the line of view, as seen through binoculars.

Apparent pulse, oscillation and colour change are common optical illusions when incandescent bodies are viewed through temperature inversions or an atmosphere of greater than normal density variation.

We trust that this explanation is satisfactory and thank you for your interest.

Yours faithfully,

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

Typed DAFI 4 Jun 73

HQRK 5/9/AIR(68)

REPORT ON UNUSUAL AERIAL SIGHTING

Part 1 - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form)

1. Name of Observer..John TERREY.....Age. Not given
2. Address of Observer..82 Minto Road MINTO
   .....Phone Number. 6053406
3. Occupation of Observer..not given.....
4. Date & Time of Start of Observation..2220 30K MAY 73....
   How certain is the date?..Positive.....
   How accurate is the time of start?...Positive.....
5. Duration of Observation...One hour plus.....
   How accurate is your estimate?....positive.....
6. Observer's location at time of sighting...at home address.....
   .....
   How familiar is observer with this locality?..home.....
7. Weather conditions at time of observationcold and clear...
   .....
8. Describe any aids/equipment used in the observation.....
   none.....
9. Where was object first observed? :
   a. Relative to your surroundings...south west.....
   .....
   b. angle of elevation.....about 30 deg.....
   c. compass angle bearing....not known.....
   d. how accurate are these estimates?.....guess.....
10. What first attracted observer's attention?..peculiar colour and size.....
11. If there was more than one light/object :
   a. how many were there?.....one.....
   b. in what formation were they?.....

/12. What was

12. What was the colour of the light or object? changing white/red/purple

13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)
duller than the brightest star but larger

14. What was the apparent size at nearest approach? :

a. relative to Venus or Moon. twice the size of the largest star

b. relative dimensions in inches at arm's length (about 20 inches from eyes). larger than a match head at arms length

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?

guesses

16. Was any method of propulsion obvious? no

17. Describe any sound heard, including changes in pitch and intensity. none

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?
no major change in position

19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances. none

20. Give duration of any stationary phases. one hour plus

21. Describe any deviations or manoeuvres. oscillating

22. Describe any trail of exhaust, vapour or light seen.
none

23. Where was object last observed? :

a. relative to your surroundings. same place

b. angle of elevation.

c. compass angle bearing.

24. What was the manner of its disappearance? still visible

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity, etc)
no

/26. State any

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity.

none

27. How many witnesses to the sighting? reported to army at MOOREBANK

28. Do you know of witnesses to similar sightings in the area?

Army Sgt reported to have seen it.

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?

no guess

30. What are your main reasons for excluding this explanation?

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form if needed.

This report is the substance of a telephone call. The observer declined to complete the form 'In case I'm just making a fool of myself'.

Signature.....Date 23MAY73

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....none.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....none.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA.

34. Observer's Location: Latitude.34028...Longitude.15151 E

35. Give bearing and elevation of any planets and major stars that were in that position of the sky at that time. By day, give location of Venus only.

DENEBOLA 240° 30°

.....

36. A meteorological balloon was released from....Mascot...

at.0800.....Z. Colour.....Weight.....gm

Radio-sonde**/ radar**: Candle**/ battery** (** delete as required)

General wind profile....calm.....

Maximum height tracked.....,000 ft at.....Z

Was it known to have burst?

37. The first significant temperature inversion was of.6.5...°C

at.300....ft, measured at...1000.....Z hrs from.Richmond.....

.....station. Profile 6.5°C at 2800' 0°/5500'

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc relevant to the sighting.

...none.....

/39. When an

39. When identified as possible aircraft, include radar trace if available, and ascertain which of the aircraft lights were operating.
none

40. The cause (or likely cause) of the sighting can*/~~xxxxx~~* be determined.

41. The object reported probably was*/~~xxxxxxxxxxxxx~~*
(delete as required)
the STAR DENEBOLA SIRIUS. CANOPUS.

Met Conditions, RICHMOND: Surface Temp 1000Z 10C
1030Z 9.5C
Dew Point 1000Z 9C
Wind Calm
Visibility hazy, mist forming
Cloud thin cirrus

Investigating Officers Remarks

1. The report was originally made to ARMY AVIATION DUTY OFFICER (Sgt LANG) at MOOREBANK, who, after hearing the report, referred Mr TERREY to the Operations Officer at RAAF RICHMOND.

2. Sgt LANG confirms the sighting. He stated that he viewed it through binoculars (7.50 x 10) and he is positive that it was a star. When viewed by the naked eye, the object appeared to be pulsating and oscillating and changing colour from white to a dull reddish purple. When viewed through the glasses, it was at times visible as a white light similiar to other stars but changed colour when thin white cloud drifted across it. The object was first sighted at 2030K and was still visible at 2345K when the Sergeant has to leave to perform other duties.

Headquarters RAAF RICHMOND 23MAY73
(Unit) (Date)

D.W.NEUMANN FLT LT D W Neumann
(Name of Investigating Officer) (Rank)

2 MAY 78

8

UMINA
NSW

MRS. JOHNSON

580/1/1 Pt 23 (8a)

- 6 JUN 1973

Mrs M. Johnson,
46 Birdwood Avenue,
UMINA NSW 2257

Dear Mrs Johnson,

With reference to your report of an unusual aerial sighting on 2nd May 1973, it has been determined that the most probable cause was the sighting of two Mirage aircraft.

At the time of sighting, two Mirages were carrying out training in the Richmond - Gosford area. This training involved climbing subsonic intercepts and included the use of afterburners. No significant temperature inversion was apparent in the area and consequently viewing conditions were optimum. The vibrating sound heard would have been the noise associated with the use of afterburners.

We trust that this explanation of your sighting is satisfactory and thank you for your interest.

Yours faithfully,

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

Typist
Date
5 Jun 73

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No. 7530-66-052-8064

1

FROM	FILE	DATE	REFERENCES
DEPAIR	580/1/1 P 23(86)	7 JUN 73	HQWHM 5/2/AIR(43) of 11 May 73
TO	ATTENTION		
HQWHM	F.O		
SUBJECT			
REPORT OF UNUSUAL AERIAL SIGHTING			

Enclosed for your records, is a copy of a letter from this Department to Mrs M. Johnson in reply to her report of an unusual aerial sighting.

ENCLOSURE: Copy of letter to Mrs M Johnson

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
	M GRETTON	FLG OFF	IR 3	2408

RESTRICTED

DEPT. OF AIR
DAFI 11.3.73
580-1-1
4

ROYAL AUSTRALIAN AIR FORCE

TELEPHONE: Newcastle 65 1221

Headquarters
RAAF Base
WILLIAMTOWN NSW 2314

IN REPLY QUOTE 5/2/Air(43)

11th May 1973

Secretary
Department of Air
Russell Offices
CANBERRA ACT 2600

DAFI

For Information:

Headquarters Operational Command (Attention: CC INTELL O)

REPORT ON UNUSUAL AERIAL SIGHTING

1. Attached is a report on an unusual aerial sighting submitted by Mrs Marie Johnson of 46 Birdwood Avenue Umina New South Wales. Mr Harry Griesberg of the Central Coast UFO Research Bureau assisted with compilation of the report including the taking of compass bearing angles the day after the sighting. Mrs Johnson mentioned at that time that she had only recently moved to Umina from Bexley in Sydney, and was quite used to seeing aircraft flying overhead to and from Mascot Aerodrome.

2. The sighting took the form of a series of red and white lights as per the sketch, over a period of 3 minutes. However, in a telephone conversation with the writer early on 3rd May, Mr Griesberg described the sighting as "3 lights initially, and later one long light similar to a neon light". The object was first observed bearing 230° elevation 45°, and disappeared out to sea bearing 150° elevation 15°.

3. Two Mirage aircraft were active in the Gosford/Sydney area, at 35,000 feet executing climbing subsonics, ATD WLM 1827 hours, ATA WLM 1940 hours. No planets or major stars were visible. No temperature inversions were recorded. No satellites etc, were visible.

4. Allowing for a slight variation in reported times, the two Mirages executing climbing subsonics, which includes the use of afterburner, would fit the description given.

5. Forwarded for your further investigation.

RECEIVED
21 MAY 1973
DAFI

(A.F. BLACKBURN)
Flight Lieutenant
for Officer Commanding

RESTRICTED

16. Was any method of propulsion obvious? No

/17. Describe

REPORT ON UNUSUAL AERIAL SIGHTING

CENTRAL COAST
REF: R20
U.F.O.
RESEARCH BUREAU

Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer... Marie Johnson ..... Age. 29..
2. Address of observer. 46 Birdwood Ave
Umina 2257 ..... Phone. 415996
3. Occupation of observer..... House wife .....
4. Date and time of start of observation.... 2-5-73 - 7.35pm
How certain is the date?..... certain .....
How accurate is the time of start?.... certain .....
5. Duration of observation..... about 3 mins .....
How accurate is your estimate?..... Approx GUESS ....
6. Observer's location at time of sighting... In back yard
.....
How familiar is observer with this locality?... Am resident
at this address .....
7. Weather conditions at time of observation..... clear - No clouds
.. No Moon .....
8. Describe any aids/equipment used in the observation.... None .....
.....
9. Where was object first observed:
a. Relative to your surroundings... above house Next
door .....
b. Angle of elevation.... 45° .....
c. Compass angle bearing.. 230° .....
d. How accurate are these estimates?.... by compass .....
10. What first attracted observer's attention?.... lights .....
.....
11. If there was more than one light/object:
a. How many were there?..... 5 .....
b. In what formation were they?. ... see ~~set~~ sketch .....
12. What was the colour of the light or object?.... red & white
13. What was the brightness? (Compare with full moon or common light source at a stated distance, eg, ordinary street light at 100 yards)
.. Same as full moon .....
14. What was the apparent size at nearest approach:
a. Relative to Venus or Moon.....
b. Relative dimensions in inches at arm's length (about 20 inches from the eyes). 20 cent at arms length
to cover all lights
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?.... 45°
.....
16. Was any method of propulsion obvious?..... No .....

/17. Describe

17. Describe any sound heard, including changes in pitch and intensity
Sound of slow moving aircraft - only vibrating

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? both 45°

19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances. Seemed to move faster than fast moving plane

20. Give duration of any stationary phases... See reverse Page

21. Describe any deviations or manoeuvres.. Changed direction

22. Describe any trail of exhaust, vapour or light seen.....

23. Where was the object last observed:
a. Relative to your surroundings.... out to sea
b. Angle of elevation.... 1.5°
c. Compass angle bearing.. 150°

24. What was the manner of its disappearance?.. disappeared in distance

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc)..... Nil

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity.....
Mr. Griesberg of C.C.U.F.O.R.B. helped

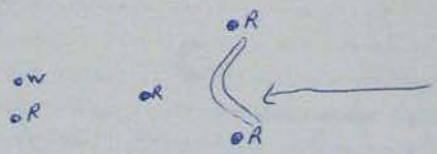
27. How many witnesses to the sighting?.. two myself & mother

28. Do you know of witnesses to similar sightings in the area?.. No

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?.. Plane

30. What are your main reasons for excluding this explanation?.. too many lights - just moved from Sydney near Airport have seen many planes

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form,



white beam not as bright as other lights

W - white
R - Red

Signature Marie Johnson Date 3rd May '73

20 object went behind tree seem
to stay there longer than nessa
for speed of object

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....MIRAGE.....(1).....MIRAGE.....(2).....(3)

Heading.....various.....T.....various.....T.....T

Height.....~~35.0~~.....35.....,000 ft.....35.....,000 ft.....,000 ft

Speed.....Mach 0.9.....K.....Mach 0.9.....K.....K

~~ATD~~/ATA*.....WLM.....1940.....hrs.....WLM 1940.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....N/A.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

*Give location of nearest ATD or ATA.

34. Observer's Location: Latitude.....33° 30'.....Longitude.....151° 21'.....

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at the time. By day, give location of Venus only.....none visible.....

.....

36 A meteorological balloon was released from.....N/A.....

at.....Z...Colour.....Weight.....gm

Radio-sonde**/radar**; Candle**/battery** (**delete as required)

General wind profile.....

Maximum height tracked.....,000 ft at.....Z

Was it known to have burst?.....

37. The first significant temperature inversion was of .....°C at

.....ft, measured at.....Z hrs from.....

.....station.

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc relevant to the sighting.....none visible.....

39. When an aircraft is a possible identification, include radar trace if available, and ascertain which of the aircraft lights were operating

.....

.....

40. The ~~cause (or~~ likely cause) of the sighting can*/~~cannot~~* be determined.

41. The object reported probably was*/~~may have been~~* (delete as required).

2 Mirage aircraft operating during Exercise

RAAF Base WILLIAMTOWN.....(Unit).....A.F. BLACKBURN.....(Name)

11 MAY 73.....(Date).....FLT LT.....(Rank)

14 APR 73

7

KORUNG VALE VIC KORNA GROVER

580/1/1 Pt23 (6a)

13 JUL 1973

Miss Lorna Grover,
7 Crown Road,
IVANHOE VIC 3079

Dear Miss Grover,

With reference to your report of unusual ground markings sighted near Korong Vale on 14th April 1973, investigations have not been conclusive in determining the cause.

A possible cause, however, considered feasible by the investigating team, is that the markings were made by some type of farm machinery. Enquiries conducted in the Wedderburn district did not produce any other witnesses who may have been able to aid in the determination of the cause and we are, therefore, unable to substantiate the above theory. Additionally, the time lapse between the date of the sighting and the report being submitted precluded early investigation and by the time an investigating officer visited the area, the markings were no longer visible.

We regret that we are unable to provide a positive explanation for the markings, but should reports of similar markings be received in the future your report will be re-examined.

Thanking you for your interest.

Yours faithfully,

G J Odgers

(G.J. ODGERS)
Director of Public Relations

Typed
Draft
12 Jul 73

Non Copy sent to Hose on 580/1/1 Pt 25 (SB) Mgt Off
16 Jul 73. IR-2.

Not Def Enq

Phone: 49 3248

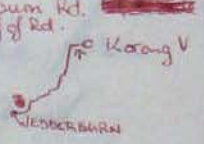
63

7 Crown Rd.
Ivanhoe 3079
May 14th

Dept. for Unexplained
Phenomena

RECEIVED
15 MAY 1973
H.Q.S.C.
REGISTRY

Close to K.Vale Town (½ mile)
on Wedderburn Rd. [redacted]
on South Half of Rd.

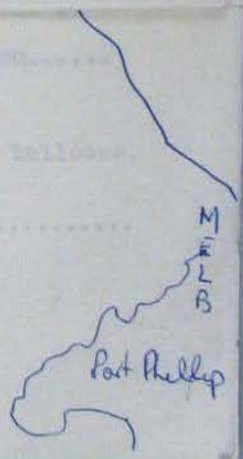


Dear Sirs,

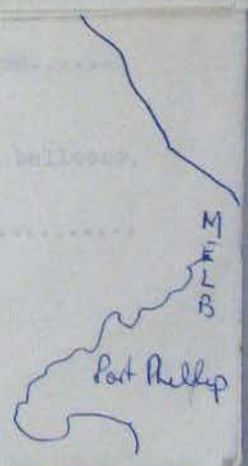
Lacking more specific direction I use the above heading to report tracks seen before Easter at Korong Vale, Victoria.

I am a trained observer, being an art and craft lecturer at Melbourne Kindergarten Teachers College.

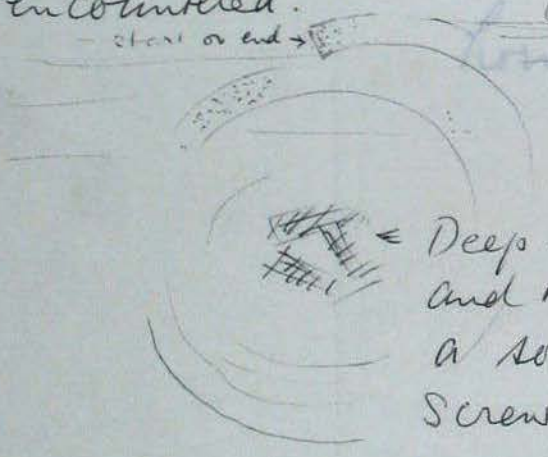
On Saturday 14th April around midday or later I drove into K.V. from Wedderburn where I was staying in the Bakehouse, owned by Mr. & Mrs. H.R. Hughan. As I approached 5/6/73



the town I noticed, over the sandy car tracks, on the other side of the road four spiral tracks, each distinct, with at the centres deeply impressed and scuffed marks. At first I thought these could have been made by children or some farm machinery I was unfamiliar with and having seen children not far distant related ideas to their presence. I made a point of driving back that way and went on the wrong side of the road to avoid driving over the spirals and slowly inspected them closely. I felt that had there been connection with children or motor scooters etc there would have been connecting lines like ~~~ but each spiral started (or ended) with a crisp, light edge quite unlike the heaviness of even a bicycle track. I

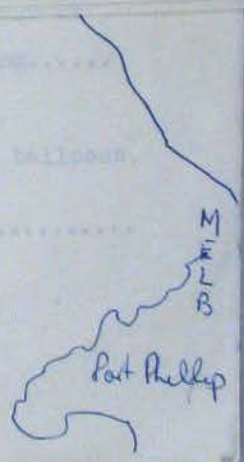


would say the lines were six inches in breadth, the impression was lightly textured but not with anything approximating a tyre tread pattern. The diameters were about 8 – 10 feet and each spiral bay was characterised by a clean edge, crisp commencing or ending edge and the central pressure marks. There were no footsteps or other indications of any means of making the marks, but I have continued since then to sieve through my mind to find any possible source I have ever encountered.



Car tracks scarcely depressed by "pattern" of stipple texture.

= Deep marks pressure and movement indicating a sort of agitated screening action.

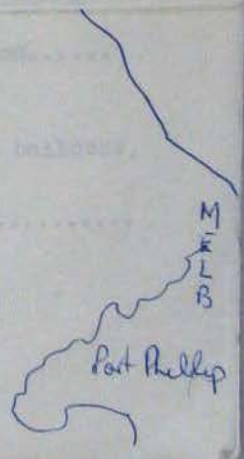


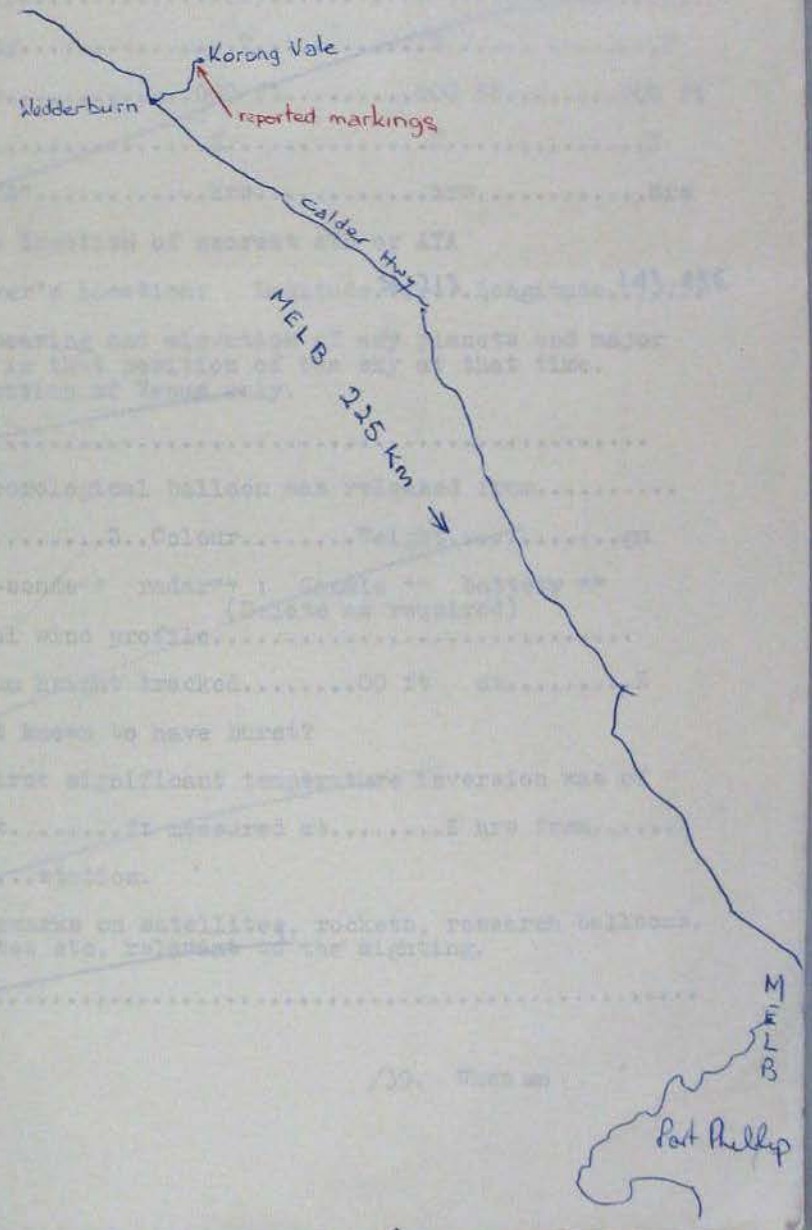
I may add that my almost immediate return was related not to deep curiosity about the tracks but to having gone to a garage for petrol and discovered I had no purse. Not knowing about Saturday pm petrol selling in Wedderburn I was intent rather on getting back there in time, in case of closing, than the tracks.

But I have continued to puzzle about this set of four spirals.

Yours sincerely,

Nona Grover




Korong Vale
Wedderburn
reported markings
Calder Hwy
MELB 225 km
MELB
Port Phillip

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....(1).....(2).....(3)

Heading..... T .....T..... (T)

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time.

A/C type.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....000 ft.....000 ft.....000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA

34. Observer's Location: Latitude 36.21S. Longitude 143.43E

35. Give bearing and elevation of any planets and major stars that were in that position of the sky at that time. By day, give location of Venus only.

.....

36. A meteorological balloon was released from.....

at.....Z..Colour.....Weight.....gm

Radio-sonde** radar** : Candle ** battery **
(Delete as required)

General wind profile.....

Maximum height tracked.....00 ft at.....Z

Was it known to have burst?

37. The first significant temperature inversion was of

....at.....ft measured at.....Z hrs from.....

.....station.

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc, relevant to the sighting.

.....

/39. When an

39. When an aircraft is a possible identification, include radar trace if available and ascertain which of the aircraft lights were operating.

.....

.....

40. The cause (or likely cause) of the sighting ** can/cannot be determined.

41. The object reported probably was ** / may have been

.....

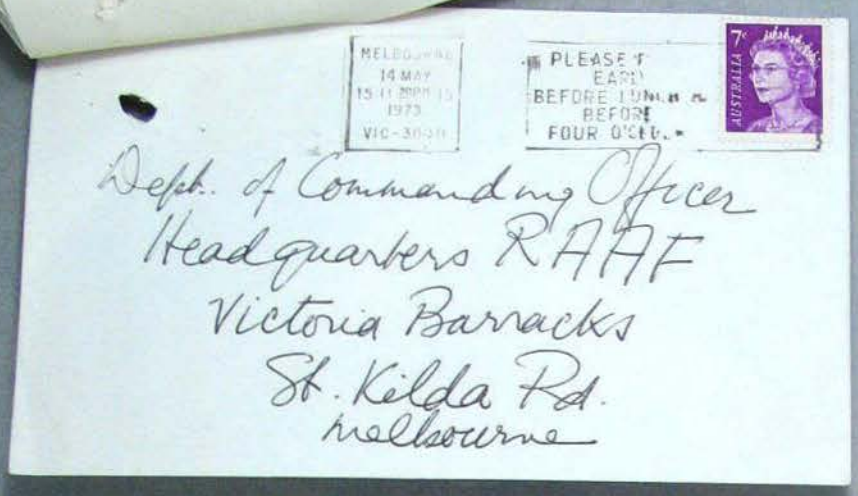
.....

Observer said marks lay on top of tyre tracks on dirt road. She does not recall seeing any wheeled machinery in the area. Seemed to be pleasant vague type of academic, possibly middle aged, a potter on a solitary holiday. She appreciated futility of report after 1 month but "you must think about this for a bit."

H.Q.S.C.U. (Unit) 17 MAY 73 (Date)

R.O. Gibbs (Name of Investigating Officer) Flg Off (Rank)

** Delete as necessary



Dept. of Commanding Officer
Headquarters RAAF
Victoria Barracks
St. Kilda Rd.
Melbourne

6 MAY 73

SIGHTING # 6

NTH CARLTON VIC — M.H. TAYLOR

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No 7530-66-052-8064

FROM	FILE	DATE	REFERENCES
DEPAIR	580/1/1 P 23(65)	18 JUN 73	HQSC 5/6/1/AIR(64) OF 17 MAY 73

TO HQSC ATTENTION CINTEMNO

SUBJECT REPORT OF UNUSUAL AERIAL SIGHTING

Enclosed, for your records, is a copy of a letter from this Department to Mr M H. Taylor, in reply to his report of an unusual aerial sighting

ENCLOSURE. Copy of letter to Mr. M.H. Taylor.

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
M Cretton	M CRETTON	FLG OFF	IR 3	2405

15 JUN 1973

580/1/1 Pt23 (6a)

Mr M.H. Taylor,
Flat 18, 980 Lygon Street,
NORTH CARLTON, VIC 3054

Dear Sir,

With reference to your report of an unusual aerial sighting on 6th May 1973, it has been determined that the most probable cause was the space vehicle designated 1973-018B burning-up on re-entry into Earth's atmosphere.

Information contained in the Space Warn Bulletin, issued by the World Warning Agency for Satellites, shows that the space vehicle 1973-018B was an associated item of equipment involved in the launching of MOLNIYA 2 (1973-018A). MOLNIYA 2 is a Russian satellite which was launched on 5th April 1973, and carries apparatus for transmitting television programmes and multichannel radio communications.

Although the predicted decay date for 1973-018B was 3rd May, irregular fluctuations in solar activity can greatly affect upper atmosphere density thus making accurate predictions very difficult. Should further information come to hand to indicate that 1973-018B decayed on a date other than 6th May, further investigation will be conducted.

For your information, of the 6397 man-made objects catalogued since 1957, 2902 were still in space on 29th April 1973.

We trust that this explanation is satisfactory, and thank you for your report.

Yours faithfully,

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

Typed DAH 14 June 73

NOA Loop by [illegible] 15 6 [illegible] to

~~RESTRICTED~~

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer MARK HEDLEY TAYLOR Age 25 YEARS

2. Address of observer FLAT 18, 980 LYGON STREET, NORTH CARLTON, 3054 Phone 622241 (BUSINESS ONLY)

3. Occupation of observer SOLICITOR

4. Date and time of start of observation 6th MAY 1973 at 6.40 PM.

How certain is the date? POSITIVE

How accurate is the time of start? WITHIN 5 MINUTES EITHER SIDE.

5. Duration of observation APPROX. 5 MINUTES

How accurate is your estimate? AN APPROXIMATION ONLY.

6. Observer's location at time of sighting NORTH CARLTON (LYGON STREET) - MY RESIDENCE

How familiar is observer with this locality? VERY

7. Weather conditions at time of observation CLEAR SKY - STARS EVIDENT - COOL EVENING.

8. Describe any aids/equipment used in the observation. NONE USED

9. Where was object first observed? :

a. Relative to your surroundings FAIRLY HIGH IN THE SKY AS A CONSIDERABLE AMOUNT OF LOWER HORIZON IS ~~OBLITERATED~~ BY HOUSES.

b. angle of elevation 45° to 50°

c. compass angle bearing NORTH WEST OF MY LOCATION (SEE SKETCH FOR Q.31)

d. how accurate are these estimates? APPROXIMATIONS ONLY.

10. What first attracted observer's attention? MOVEMENT OF A LIGHTED BODY - I FIRST THOUGHT IT WAS AN AEROPLANE.

11. If there was more than one light/object :

a. how many were there? NOT APPLICABLE

b. in what formation were they? DITTO.

12. What was the colour of the light or object? YELLOW TO ORANGE WITH A WHITE TAIL.

~~RESTRICTED~~

PROBABLE 1973-01RB or 1973-01BC. | MOLNIYA 2 launched APR 5

13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards) NOT AS BRIGHT AS A STREET LIGHT — MORE LIKE A TORCH AT 100 YDS.

14. What was the apparent size at nearest approach?:

a. relative to Venus or Moon... LIKE A VERY LARGE STAR NO WHERE NEAR THE SIZE OF THE MOON.

b. relative dimensions in inches at arm's length (about 20 inches from the eyes)..... I COULDN'T REALLY ESTIMATE.....

15. What were the bearing and elevation angles at nearest approach and how were these values assessed? WEST / APPROX 60° ELEVATION / GUESSWORK ONLY.

16. Was any method of propulsion obvious?.... NO .....

17. Describe any sound heard, including changes in pitch and intensity ..... NONE HEARD .....

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?. MAX. 60° to MIN 25°-30° (THEN DISAPPEARED FROM VISION)

19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances .. SLIGHTLY ..... FASTER THAN A COMMERCIAL JET AEROPLANE VIEWED FROM A DISTANCE.

20. Give duration of any stationary phases.... NOT APPLICABLE ....

21. Describe any deviations or manoeuvres..... NONE MADE .....

22. Describe any trail of exhaust, vapour or light seen..... WHITE TO SILVERY TAIL MANY TIMES THE OBJECTS LENGTH.

23. Where was object last observed :

a. relative to your surroundings. FROM CARLTON IT LOOKED LIKE IT WOULD BE OUT OVER RINGWOOD OR SLIGHTLY FURTHER SOUTH. EAST

b. angle of elevation..... 25° to 30° .....

c. compass angle bearing..... SOUTH EAST OF MY POSITION (SEE Q 31)

24. What was the manner of its disappearance?.. GRADUAL INDISCERNABLE...

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc)..... NO .....

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity... NO .....
..... SUCH FORMAL TRAINING .....

27. How many witness to the sighting?..... NONE .....

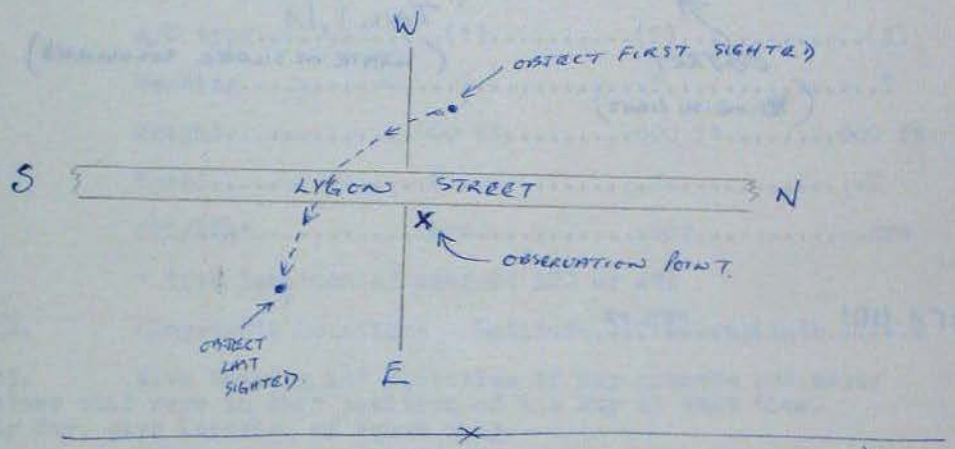
~~RESTRICTED~~

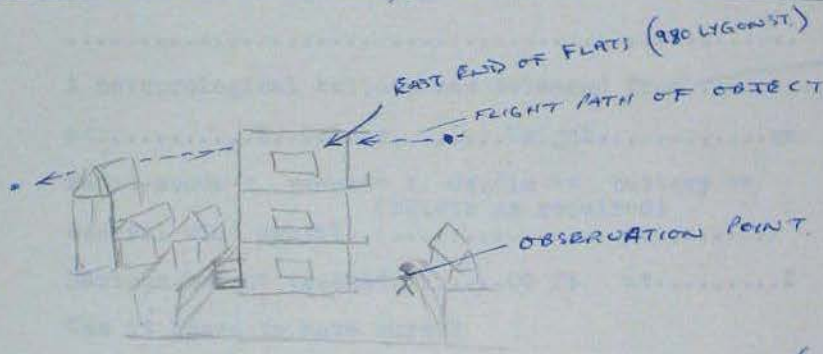
28. Do you know of witnesses to similar sightings in the area? NO.

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? A COMET OR LARGE FALLING STAR (BUT TRAVELLING APPROX. HORIZONTAL TO EARTH NOT VERTICALLY TO IT.)

30. What are your main reasons for excluding this explanation? I DO NOT EXCLUDE THE POSSIBILITY OF A COMET FOR ALTHOUGH I HAVE NEVER OFFICIALLY OBSERVED ONE THAT IS WHAT IT MOST CLOSELY RESEMBLED.

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.





(P.T.O.)

Signature. Mark A. Taylor Date. 9-5-1973

~~RESTRICTED~~

TAIL
(WHITE OR SILVER COLOURED)
OBJECT
(YELLOWISH LIGHT)

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....Nil.....(1).....(2).....(3)

Heading..... T .....T..... (T)

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time.

A/C type.....Nil.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....000 ft.....000 ft.....000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA

34. Observer's Location: Latitude.37.47S Longitude.144.57E

35. Give bearing and elevation of any planets and major stars that were in that position of the sky at that time. By day, give location of Venus only.

.....

36. A meteorological balloon was released from.....

at.....Z..Colour.....Weight.....gm

Radio-sonde** radar** : Candle ** battery **
(Delete as required)

General wind profile.....

Maximum height tracked.....00 ft at.....Z

Was it known to have burst?

37. The first significant temperature inversion was of

....at.....ft measured at.....Z hrs from.....

.....station.

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc, relavant to the sighting.

.....possibly space junk or meteorite.....No space prediction charts received this office since March 73.

/39. When an

39. When an aircraft is a possible identification, include radar trace if available and ascertain which of the aircraft lights were operating.

.....

.....

40. The cause (or likely cause) of the sighting ** can/cannot be determined.

41. The object reported probably ~~was~~ / may have been

...Space junk or meteorite.....

.....

H.Q.S.C.U (Unit) 17MAY73 (Date)

R.O.Gibbs. (Name of Investigating Officer) Flg Off (Rank)

** Delete as necessary

9 MAY 73

SIGHTING #5

CROYDON VIC

J.R.T. EMERTON

DAF/

18 Northcott Ave
Croydon 3136 4/1/73.

Mr G.T. ODGERS P.R. RAAF
CANBERRA.

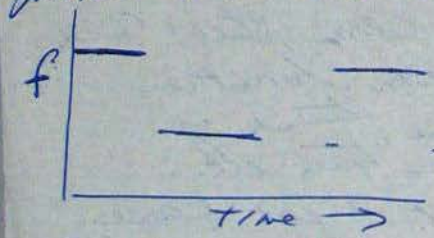
FYS Getting back a while since I've had heard "that" noise, but as I've been doing building alterations for some time now, your letter was misplaced for a time. It came to light again the other day when everything was being restored once more to its usual position. Thanks for an opportune type but just I had to have one last say (just for the record, & the interest of accuracy). Attached is a map of the area in which we live, it is clearly traced & acts as a damper on most outside sounds (outside the immediate area surrounding our home) but over the years (about 30) the locals here I've been able to identify sounds as follows. AAA etc Ambulances & police cars on Maroondah Hwy, BBB etc the screech of tyres as the local lads do "wheelies" around the roundabout at the four ways at Maroolbark CCC etc Sound of trains to & from as far as the Dorset Rd Cutting & Bridge, DDD etc police cars, ambulances valley & Lincoln Rd, EEE the Railway Bell at the Maroolbark level Crossing (but only on a clear, still & cold night) Sounds from any other location are infinitely muted by some twist of accoustics caused by terrain - trees etc.

The sound we heard that night came from DIRECTLY overhead, rising so quickly &

Puck an intensity that my first impulse was to dive under a table & stop my fingers (old Soldier training) & when he clashed, outside I carefully followed the direction with hands cupped to ears (also a la old Soldier trying listening for approach hostile aircraft) until it was no longer audible.

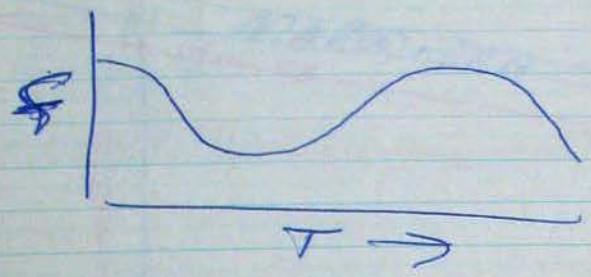
As I explained earlier, I had made a very accurate stab at the frequency & was able to reproduce it in our lab at work. The only modification I had to do was to produce a few overtones by the addition of a small capacitor to the O/P of the oscillator. This to an ear not trained would make very little difference to the sound reproduced, but was done only to give an accurate reproduction. The sweep from one f to another was done manually. It would have been very much more accurate if our automatic sweep could have been adjusted, but ~~to~~ O/P which sweep only on the range .9 kc to 3.6 kc.

The second point in your argument was that our Ambulance has a 2 fundamental Beep & does not smoothly change from one tone to another. It's like this! —



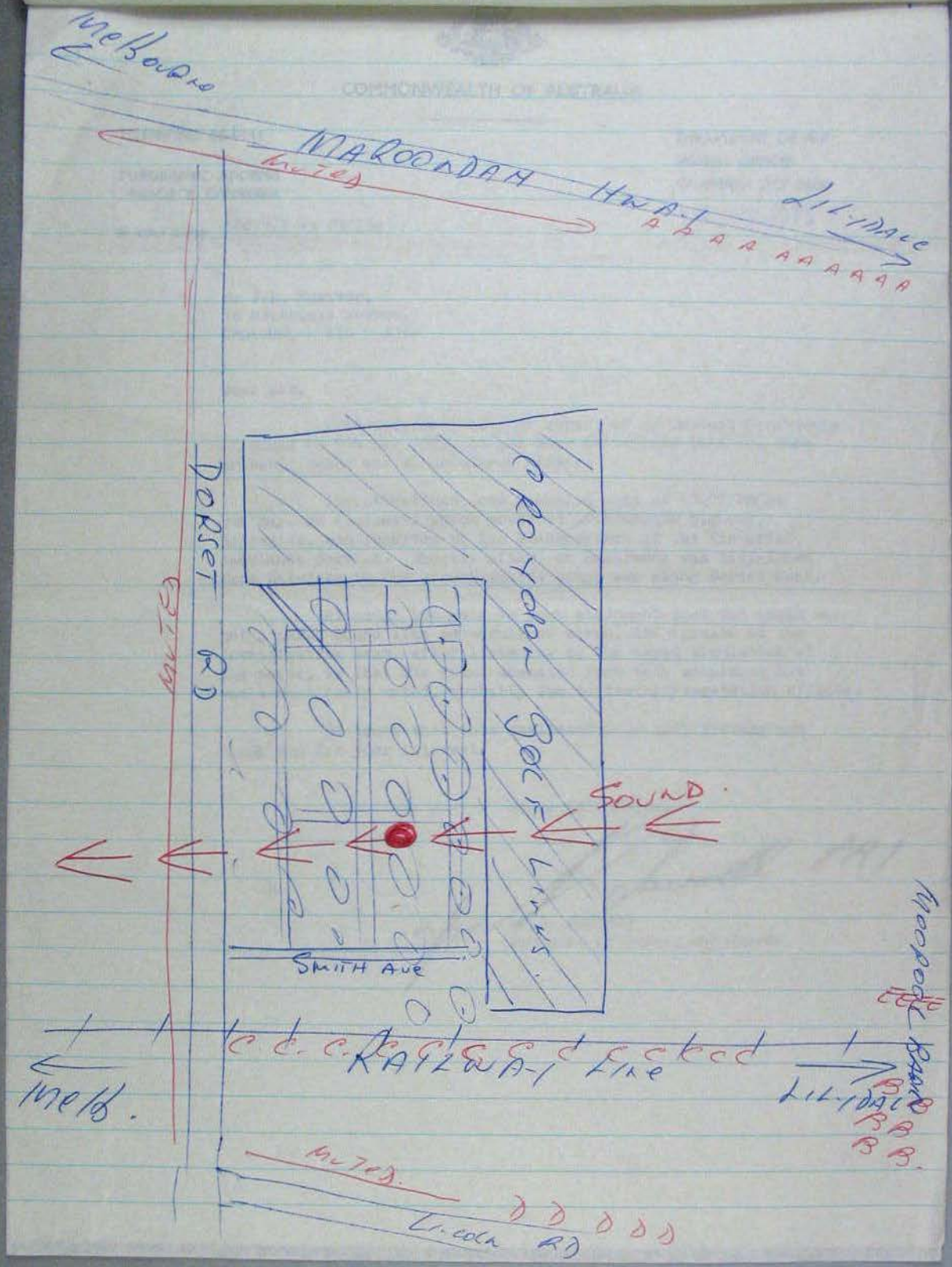
~~&~~ is full of HARSH (ODD?) HARMONICS.

The case I described, however has



T has almost no distortion!

Yours Sincerely
J. R. Forman


MELBOURNE
MAROONDAH HWY
LILYDALE
DORSET RD
PROPOSED SOUND WALLS
SOUND
SMITH AVE
MELB.
LILYDALE

COMMONWEALTH OF AUSTRALIA

TELEPHONE: 65-9111

TELEGRAPHIC ADDRESS
"AIRFORCE, CANBERRA"

IN REPLY QUOTE 580/1/1 Pt 23 (5a)

DEPARTMENT OF AIR
RUSSELL OFFICES
CANBERRA ACT 2600

19 JUN 1973

Mr J.R. Emerton,
18 Northcott Avenue,
CROYDON, VIC 3136

Dear Sir,

With reference to your report of an unusual occurrence of sound on 9th May 1973, it has been determined that the most probable cause was an ambulance siren.

Investigations have revealed that at 10-07 PM on 9th May, an accident, which occurred in Mountain Highway, Bayswater, was reported to the Headquarters of the Victorian Ambulance Service. Shortly after, an ambulance was dispatched from Lilydale to the scene and its route was along Dorset Road.

Although you said in your statement that the sound was not a harsh sound like an ambulance siren, the opinion of the investigating team, after listening to the taped simulation of the noise, is that the sound emanated from this ambulance but was acoustically muted, probably due to terrain/vegetation effects.

We trust that this explanation is satisfactory and thank you for your interest.

Yours faithfully,

(E.J. ODGERS)
Director of Public Relations

580/1/1 Pt 23 (5a)

Mr J.R. Emerton,
18 Northcott Avenue,
CROYDON, VIC 3136

Dear Sir,

With reference to your report of an unusual occurrence of sound on 9th May 1973, it has been determined that the most probable cause was an ambulance siren.

Investigations have revealed that at 10-07 PM on 9th May, an accident, which occurred in Mountain Highway, Bayswater, was reported to the Headquarters of the Victorian Ambulance Service. Shortly after, an ambulance was dispatched from Lilydale to the scene and its route was along Dorset Road.

Although you said in your statement that the sound was not a harsh sound like an ambulance siren, the opinion of the investigating team, after listening to the taped simulation of the noise, is that the sound emanated from this ambulance but was acoustically muted, probably due to terrain/vegetation effects.

We trust that this explanation is satisfactory and thank you for your interest.

Yours faithfully,

(G.J. ODGERS)
Director of Public Relations

Copy sent to HQSC under cover of 580/1/1 P. 24 (136)
20 JUN 73.

ROYAL AUSTRALIAN AIR FORCE

TELEPHONE: 69 0550

TELEGRAPHIC ADDRESS:
"AIRCOMMAND, MELBOURNE"

HEADQUARTERS SUPPORT COMMAND
RAAF
VICTORIA BARRACKS
MELBOURNE SC1 VIC 3004

IN REPLY QUOTE 5/6/1/Air(64)

17 MAY 1973

Department of Air (DAFI)

REPORTS OF UNUSUAL AERIAL SIGHTINGS

1. Attached are unusual aerial sighting reports from Mr, Mrs Emerton, L. Grover and M.H. Taylor.

2. The 2" magnetic tape accompanying the Emerton report is the personal property of INT1, HQSC, and its return is requested.

(R.R. RODDY)
Squadron Leader
For Air Officer Commanding

Enclosures: 3 Reports

Tape returned to INT 1 HQSC 23/5

~~RESTRICTED~~

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer JOHN ROBERT EMERTON 57 THELMA EMERTON Age 54

2. Address of observer 18 NORTHCOTT AVE

CROYDON VIC Phone 723 1715

3. Occupation of observer SEN TECHNICAL OFFICER PMG's Dept RICHMOND 424560
& HOUSEWIFE

4. Date and time of start of observation 10-35 PM 9/5/73

How certain is the date? POSITIVE

How accurate is the time of start? ± 2 MIN

5. Duration of observation .....

How accurate is your estimate? .....

6. Observer's location at time of sighting INSIDE HOUSE NO RADIO ON
NO TELEVISION ON

How familiar is observer with this locality? VERY 28 YRS RESIDENCE

7. Weather conditions at time of observation OCCASIONAL CLOUD
Still, no wind.

8. Describe any aids/equipment used in the observation .....
MAGNETIC COMPASS

9. Where was object first observed? :

a. Relative to your surroundings ABOVE - TO EAST

b. angle of elevation .....

c. compass angle bearing TRAVELLING 260°

d. how accurate are these estimates? ± 5°

10. What first attracted observer's attention? SOUND AS DESCRIBED
RAPIDLY REACHING CRESCENDO THEN FADING

11. If there was more than one light/object :

a. how many were there? .....

b. in what formation were they? .....

12. What was the colour of the light or object? .....

~~RESTRICTED~~

13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards).....

14. What was the apparent size at nearest approach?:

a. relative to Venus or Moon.....

b. relative dimensions in inches at arm's length (about 20 inches from the eyes).....

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?.....

16. Was any method of propulsion obvious?.....

17. Describe any sound heard, including changes in pitch and intensity

SEE BACK OF LAST SHEET.....

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?.....

19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances .....

AT A GUESS ABOUT 50 MPH.....

20. Give duration of any stationary phases.....

21. Describe any deviations or manoeuvres.....

22. Describe any trail of exhaust, vapour or light seen.....

23. Where was object last observed :

a. relative to your surroundings.....

b. angle of elevation.....

c. compass angle bearing.....

24. What was the manner of its disappearance?.....

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc).....

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity.....

.....

27. How many witness to the sighting? NEXT DOOR NEIGHBOUR HEARD IT

Mrs Baggot 16 Northcott Ave

Mrs Richardson 22 Northcott Ave

28. Do you know of witnesses to similar sightings in the area?.....

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?.....

30. What are your main reasons for excluding this explanation?.....

.....

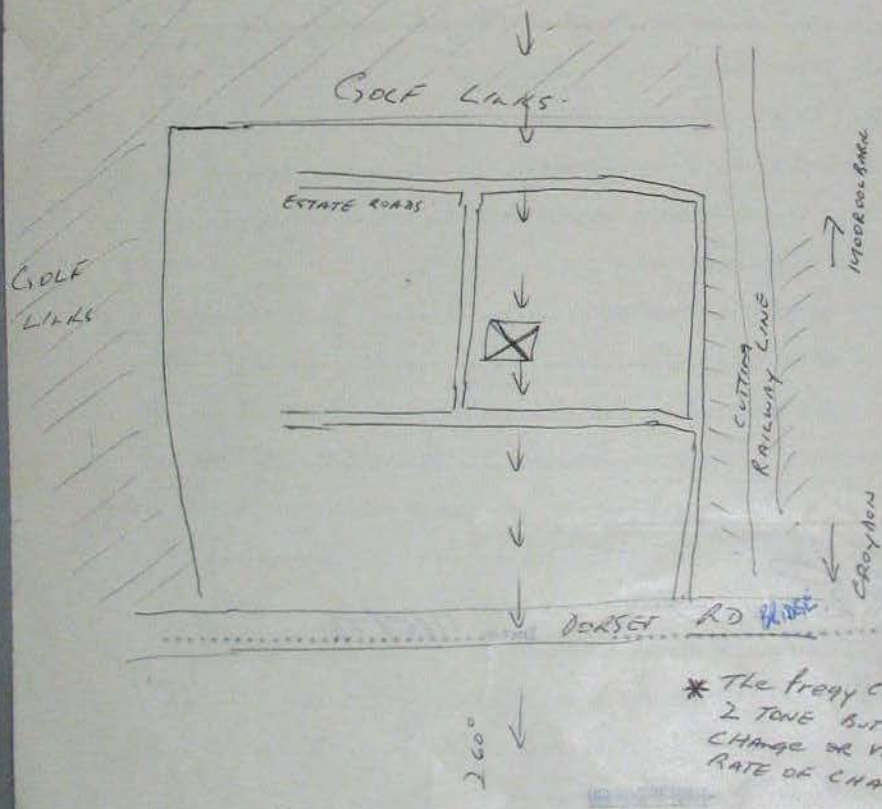
31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.

Signature: J. R. Chesterton Date: 11/5/73

9/5/73

SITTING IN LOUNGE WITH WIFE QUIETLY TALKING. SUDDENLY WE BOTH HEARD THE NOISE WHICH REACHED CRESCENDO IN ABOUT 5 SECS. BOTH STARTLED. THEN BOTH RAN OUTSIDE & COULD HEAR NOISE GRADUALLY FADING. IT APPEARED TO COME FROM EAST THEN LOW OVER HOUSE & GRADUALLY FADED TO INAUDIBLE IN APPROX 20 SECS AFTER IT PASSED OVER. I CHECKED DIRECTION WITH COMPASS & SEEMED TO BE HEADING 260°. WHEN WE CAME INSIDE AFTER A COUPLE OF MINUTES THE ELECTRIC CLOCK IN KITCHEN SHOWED 10.40 PM.

THE NOISE WAS A WHISTLE CHANGING FREQUENCY AT APPROX 1 CYCLE/SEC THE HIGHEST FREQUENCY WAS IN VICINITY OF 1KC — 1.1KC & THE LOWEST FREQUENCY ABOUT 500 CYCLES.* I WENT INTO LAB AT WORK FIRST THING NEXT MORNING & CHECKED FREQYS WITH OSCILLATOR. IT STRUCK ME THEN HOWEVER THAT THE SOUND I HEARD DID NOT APPEAR TO BE SINUSOIDAL BUT RATHER A HETERODYNE PRODUCING THE RANGE OF SOUND DESCRIBED. THE SOUND AT ITS LOUDEST PREVENTED (OR WOULD HAVE PREVENTED) CONVERSATION AT NORMAL LEVEL. THERE WAS NO OTHER SOUND SUCH AS AN AIRCRAFT ENGINE, HELICOPTER BLADES ETC. - NO NOTICABLE DOPPLER. DEFINITELY NOT A HARSH SOUND LIKE NEW AMBULANCE SIREN



* THE FREQY CHANGE WAS NOT 2 TONE BUT A SMOOTH CHANGE OR VARIATION - THE RATE OF CHANGE CONSTANT.

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....Nil.....(1).....(2).....(3)

Heading..... T .....T..... (T)

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time.

A/C type.....Nil.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....000 ft.....000 ft.....000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA

34. Observer's Location: Latitude.~~37 54~~ 37.47S Longitude.145.15E

35. Give bearing and elevation of any planets and major stars that were in that position of the sky at that time. By day, give location of Venus only.

.....Not considered.....

36. A meteorological balloon was released from.not considered

at.....Z..Colour.....Weight.....gm

Radio-sonde** radar** : Candle ** battery **
(Delete as required)

General wind profile.....

Maximum height tracked.....00 ft at.....Z

Was it known to have burst?

37. The first significant temperature inversion was of

....at.....ft measured at.....Z hrs from.....

.....station.

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc, relevant to the sighting.

.....Nil.....

/39. When an

39. When an aircraft is a possible identification, include radar trace if available and ascertain which of the aircraft lights were operating.

N.I.

40. The cause (or likely cause) of the sighting ** ~~can~~/cannot be determined.

41. The object reported probably was ** / may have been ?

Observer described sound as badly loaded artillery shell tumbling in flight.
Sound has been duplicated in PMG lab by observer and recorded on my personal 2" tape at (I hope) $1\frac{7}{8}$" on 2 track recorder. Please return tape.

HQSCU — (Unit)
17 MAY 73 — (Date)

R. O. Gibbs — (Name of Investigating Officer)
Flg Off — (Rank)

** Delete as necessary

5 MAY 73

SIGHTING # 4

AMBERLEY (QLD) LAC JONES

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No 7530-66-052-8064

FROM	FILE	DATE	REFERENCES
DEPAIR	580/1/1 Pt 23(46)	1 JUN 73	YOUR 82W/S/9/AR(21) OF 16 MAY 73

TO	ATTENTION
HQAMB	W10

SUBJECT
REPORTS OF UNUSUAL AERIAN SIGHTINGS

Enclosed, for your records, is a copy of a letter from this Department to LAC R.J. Jones, in reply to his report of an unusual aerial sighting

ENCLOSURE: Copy of letter to LAC R J Jones.

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
M Cretton	M. CRETTON	FLG OFF	IR-2	2408

RESTRICTED

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of Observer..LAC JONES R.J.....Age..28.....
2. Address of Observer..N°6 Garrison St Auk.....
.....Phone.SECT. 2648.
3. Occupation of Observer....S/GUARD.....
4. Date and time of start of observation..SATURDAY 5 MAY 1825 H...
How certain is the date?....POS.....
How accurate if the time of start?...POS.....
5. Duration of observation...APPROX 2½ to 3 min.....
How accurate is your estimate?...FAIRLY GOOD.....
6. Observer's location at time of sighting..82 Wing HARDSTAND...
..AREA.....
How familiar is observer with this locality?..VERY.....
.FAMILIAR.....
7. Weather conditions at time of observation...V.G.....
.....
8. Describe any aids/equipment used in the observation.....
.....NONE.....
9. Where was object first observed:
(a) Relative to your surroundings.....NTH.....
.....
(b) angle of elevation.....See sketch on.....
(c) compass angle bearing.....written reports.....
(d) how accurate are these estimates.....
10. What first attracted observer's attention?.....
.....

RESTRICTED

11. If there was more than one light/object:
    (a) how many were there?.....4.....
    (b) in what formation were they?.....
12. What was the colour of the light or object?...WHITE.....
13. What was the brightness? (compare with full moon or common light source at a stated distance, e.g. ordinary street light at 100 yards)...VERY...BRIGHT.....
14. What was the apparent size at nearest approach:
    (a) relative to Venus or Moon.....VENUS.....
    (b) relative dimensions in inches at arm's length (about 20 inches from the eyes)..THE...SIZE..OF...
    ..a...ONE..CENT...PIECE.....
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?.....
    .....
16. Was any method of propulsion obvious?.....NO.....
17. Describe any sound heard, including changes in pitch and intensity.....NONE.....
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?.....NO.....
19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances.....
20. Give duration of any stationary phases.....½ MIN.....
21. Describe any deviations or manoeuvres.LEFT..TURN.....
22. Describe any trail of exhaust, vapour or light seen.....
    .....NONE.....
23. Where was object last observed:

.../3

(a) relative to your surroundings.....

(b) angle of elevation...See earlier reports.....

(c) compass angle bearing.....

24. What was the manner of its disappearance?...DISTANCE....

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc).....No.....
.....

26. State any training which enables observer to be reasonably certain of his/~~her~~ ability to estimate angles and angular velocity.....None.....

27. How many witness to the sighting?.....NONE.....

28. Do you know of witnesses to similar sightings in the area?.....No.....

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?.....Large star.....

30. What are your main reasons for excluding this explanation?
.....

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed. See attached sketch

Signature...R Lowe..... Date...7 May 73.....

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....,000 ft.....,000 Ft.....,000ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA.

34. Observer's Location: Latitude.....Longitude.....

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at that time. By day, give location of Venus only.....

.....

36. A meteorological ballon was released from.....

at.....Z Colour.....Weight.....gm

Radio-sonde**/radar: Candle**/battery**(**delete as required)

General wind profile.....

Maximum height tracked.....,000 ft at.....Z

Was it known to have burst?.....

.....

...../5.

37. The first significant temperature inversion was of .....°C at SURFACE ft, measured at 1030 Z hrs from BRISBANE station.

38. Any remarks on satellites, rockets, research balloons, commets, meteorites etc. relevant to the sighting 1838K PASSES I. AZ. 103° EL. 52° HDG. 182°

39. When an aircraft is a possible identification, include radar trace if available, and ascertain which of the aircraft lights were operating.....

40. The cause (or likely cause) of the sighting can*/cannot* be determined.

41. The object reported probably was*/may have been* (delete as required)
Satellite, meteorites except first object.

82 WING (Unit) R.M. BOOTHMAN (Name)

14 MAY 73 (Date) Sqn Ldr (Rank)

RESTRICTED

REPORT ON UFO SIGHTING AT AMBERLEY ON 5TH MAY 1973

1. LAC JONES R.J., Security Guard, was on duty at the Phantom flight lines when he noted the unusual lights, first at 1825K, and then at 1854K.

2. Nature of Sighting. He states that at 1825K he noticed a star-like object appear from the north and stop directly above the base. A second object followed, and as it approached the first one, they both moved off towards the south. Then, a similar object came from the east and flew between them, disappearing to the west. The first southerly one veered off slowly to the east and disappeared, while the second one continued out of sight to the south. At 1854K, he saw another light similar in appearance, appear from the north but more to the west. It disappeared as it entered the glare of an overhead security light on a nearby hangar.

3. Remarks on the Sighting. LAC JONES' estimate of bearings may be a little inaccurate. After questioning, he qualified his statement 'from a northerly direction', by saying that the objects appeared 'just west of the northern end of the strip, about two or three degrees,' and crossed the strip to the south. Two or three degrees is impossible to judge. Subsequently, assuming that it was about 10 degrees, and assuming that he knew where the end of the strip was, the direction of approach can be estimated to be about 330° to 150° true. Also, as he was standing facing the west, the overhead estimation could have been a little out. Quite possibly, it could have been well to the west, as the object was very high in the sky.

4. Aerial Activity. The only civil aircraft movements recorded at the time were jets leaving Brisbane airport at 1820, 1822, 1840 and 1842 local on an outbound track of 189°M to Sydney, and a southbound 707 about 200 nms to the west. None of these would be visible from Amberley. The only satellite activity that even remotely coincides with direction and time is PAGEOS I at 1838K. This had an azimuth of 103°, elevation 52°, and heading 183°.

5. Possible Causes. Three out of the four objects could have been satellites, meteorites or some such thing. However, the first object sighted reportedly stopped, started, and then turned. This is not consistent with the movements of bodies of that nature. No explanation can be found for that one.

(R.M. BERTRAM)
Sqn Ldr
82 Wing Intell O

14MAY73

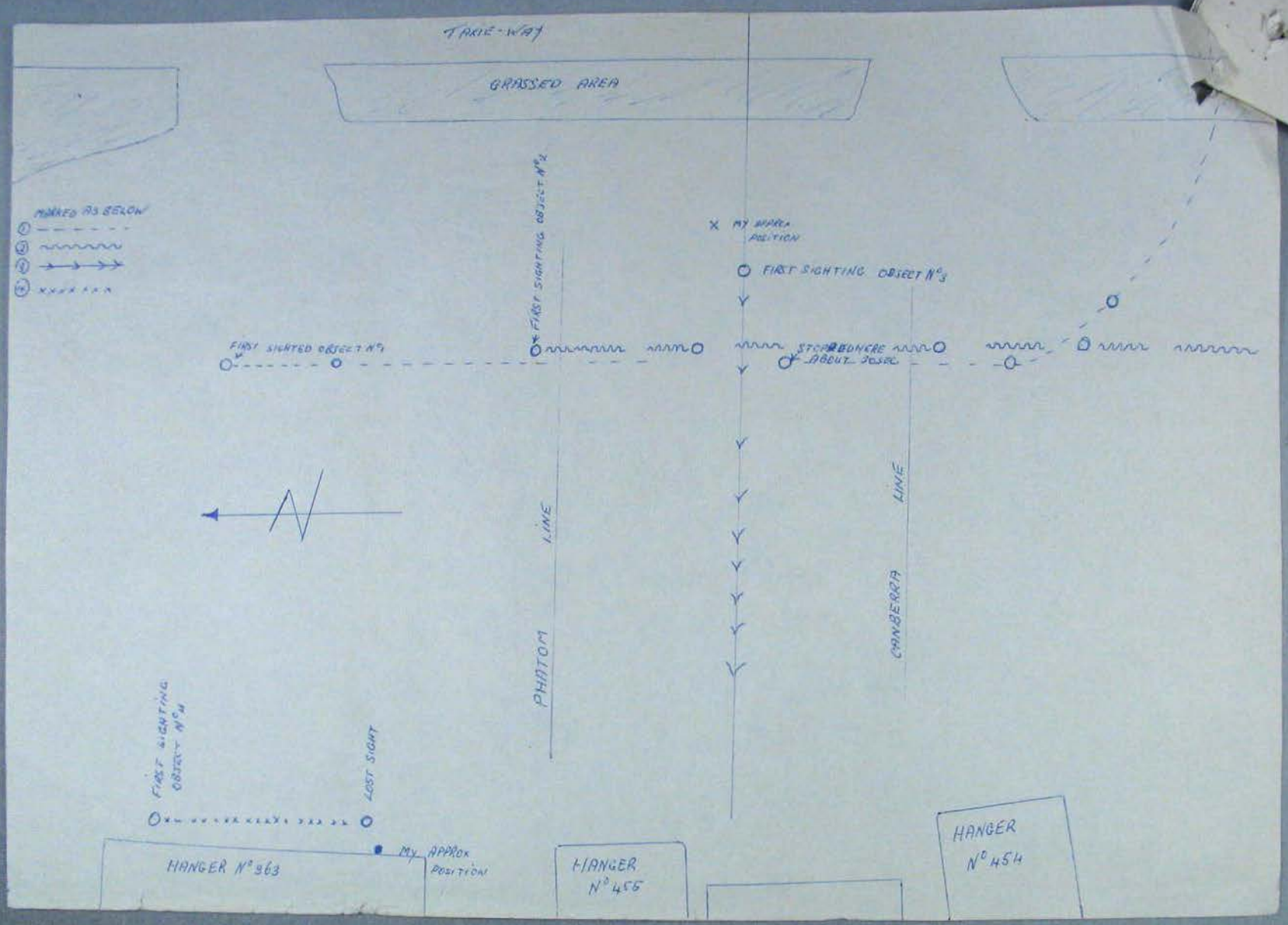
At 1825 hrs. I noticed a star-like object come from a northerly direction and stop above the base. Then I noticed another object, come from the same direction as the first, this object was of the same shape as the first.

When the second object came with-in 3" to 4" from the first, the two of them started moving in a southerly direction, as they did a third object coming from an easterly direction passed between them. The third object seemed to continue in a easterly direction.

I watched the first two which were still mooing slowly south, when the first object started to turn in an easterly direction very slowly, while the second object continued south.

The size of these objects were about the size of a one cent piece held in the fingers, with the arm out straached above the head.

At 1854 hrs another sighting, object same as before accept a bit smaller. It was moving the same direction as the first two from "north to south" I lost sight of the object when it passed over the glare of the security light I was sitting under.


TAXIE-WAY
GRASSED AREA
MARKED AS BELOW
FIRST SIGHTING OBJECT N°2
MY MARK POSITION
FIRST SIGHTING OBJECT N°3
FIRST SIGHTED OBJECT N°1
STORBEDNERE ABOUT 30SEC
PHATOM LINE
CANBERRA LINE
FIRST SIGHTING OBJECT N°4
LOST SIGHT
MY APPROX POSITION
HANGER N° 463
HANGER N° 455
HANGER N° 454

580/1/1 Pt 23 (4a)

LAC R.J. Jones,
6 Garrison Street,
AMBERLEY, QLD 4305

UNUSUAL AERIAL SIGHTINGS - 5 MAY 73

With reference to your report of unusual aerial sightings at RAAF Base Amberley on 5th May 1973, investigations have determined that the most probable causes were orbiting space vehicles and a meteorite.

Normally logical explanations are available for reported sightings and the investigation of your report covered aircraft movements, planet/star positions, meteorological measuring devices and phenomena, and space vehicle movement.

At the time of sighting, there were 2902 man made objects in space, and predictions are made for viewing of selected long lived satellites of optimum visible magnitude. Other bright objects seen could be short lived satellites or rocket stages, decaying objects rendered incandescent on re-entry to Earth's atmosphere or meteorites.

In the opinion of the investigating team, the sightings were probably as follows:

a. First Object - unpredicted space debris which was in slightly different orbit and of greater apogee to the object sighted second. This accounts for the apparent higher speed of the second object. The reported short stationary period was probably due to an optical illusion which occurred whilst focussing on both objects simultaneously.

b. Second Object - Satellite PAGEOS I which was predicted to be visible from the Brisbane area on a heading of 183°T at the reported time of sighting.

c. Third object - unpredicted space debris.

/d. Fourth obje

d. Fourth Object - meteorite or space debris entering Earth's atmosphere.

We trust that this explanation is satisfactory and thank you for your interest.

for D. Jasell PRI

(G.J. ODGERS)
Director of Public Relations

Appl
Date
29 May 73

2 MAY 73

SIGHTING # 3

AMBERLEY ~~[illegible]~~ AC GIRVIN
OH-S

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No 7530-66-052-8064

FROM	FILE	DATE	REFERENCES
DEPAIR	80/1/1 P. 23(35)	7 JUN 73	80 W/5/9/AIR (21) of 16 MAY 73

TO	ATTENTION
HQAMB	W.O

SUBJECT: REPORT OF UNUSUAL AERIAL SIGHTING

Enclosed, for your records, is a copy of a letter from this Department to AC D.B. Civin, in reply to his report of an unusual aerial sighting

ENCLOSURE: Copy of letter to AC D.B Civin.

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
M Cretton	M CRETTON	FLG OFF	IR-2	408

580/1/1 Pt 23 (3a)

- 6 JUN 1973

AC D.B. Girvin,
18 Birrell Street
Leichhardt
IPSWICH QLD 4305

UNUSUAL AERIAL SIGHTINGS - 2 MAY 73

With reference to your report of an unusual aerial sighting on 2nd May 1973, investigations have determined that the most probable cause was KIOWA helicopters returning to Amberley from navigational training.

Normally logical explanations are available for reported sightings and investigation of your report covered aircraft movements, meteorological measurement devices and space vehicle movement. From these, aircraft activity was the only feasible explanation, as helicopters were operating on the night and at the time of sighting. It was determined that helicopters completed their navigational training by tracking from Beenleigh to Amberley, turning south into the circuit and landing to the north. The speed, lighting and elevation coincide with the route of the helicopters, and as the Kiowa is a reasonably quiet aircraft, and coupled with a westerly wind, evidence of characteristic noise would be minimal.

We trust that this explanation is satisfactory and thank you for your interest.

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

for Gp Capt
DPR
5 Jun 73

Royal Australian Air Force
A273 Feb 70 **MEMO**
For use within the RAAF only
Write or print clearly

FROM HQ AMB	OUR FILE 82W/5/9/AIR	FOLIO 21
	DATE 16 MAY 73	REFERENCES
TO DEPAIR	ATTENTION DAFI-IR	
SUBJECT UFO REPORTS		

1. Forwarded is one copy each of UFO reports made by AC GIRVIN D.B. and LAC JONES R.S., Security Guards, AMBERLEY.

R.

Enclosures: 1. UFO Report by AC GIRVIN

2. UFO Report by LAC JONES

SIGNATURE	PRINTED NAME	RANK	APPOINTMENT	PHONE EXT
R Bertram	R.M. BERTRAM	Sq Ldr	WIO	2357

RESTRICTED

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of Observer..A.C...GIRVIN..D.B.....Age..26....
2. Address of Observer...18...BIRRELL...ST,..HEICHHARDT,..
..IPSWICH,..QLD..4305.....Phone EXT..2648...
3. Occupation of Observer..SECURITY...GUARD.....
4. Date and time of start of observation..2.MAY.73,..2200HRS.
How certain is the date?..EXACT.....
How accurate if the time of start?..EXACT.....
5. Duration of observation.....FOUR...MINUTES.....
How accurate is your estimate?..CLOSE.....
6. Observer's location at time of sighting..PHANTOM..FLIGHT
LINE.,.RAAF...AMBERLEY.....
How familiar is observer with this locality?.....
....VERY...FAMILIAR.....
7. Weather conditions at time of observation.....
.....CLEAR.,.MOONLIGHT.....
8. Describe any aids/equipment used in the observation.....
.....NONE.....
9. Where was object first observed:
(a) Relative to your surroundings LOOKING..FROM..PHANTOM
FLIGHT..LINE.,..OBJECT..WAS...OVER..HEICHHARDT
(b) angle of elevation.....20-30°.....
(c) compass angle bearing.....EAST.....
(d) how accurate are these estimates.....ROUGH.....
10. What first attracted observer's attention?..FAST..MOVING..
BRIGHT..LIGHT..IN..SKY.....

RESTRICTED

11. If there was more than one light/object:

(a) how many were there?...TWO.....

(b) in what formation were they?ONE..BEHIND..THE..OTHER

12. What was the colour of the light or object?..WHITE.....

13. What was the brightness? (compare with full moon or common light source at a stated distance, e.g. ordinary street light at 100 yards)ELECTRIC..LIGHT..BULB,..10YDS

14. What was the apparent size at nearest approach:

(a) relative to Venus or Moon.....

(b) relative dimensions in inches at arm's length (about 20 inches from the eyes).....

.....OBJECT...MAINTAINED...SAME...SIZE.....

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?.....

.....140°(T) / 20°-30° — ROUGH..ESTIMATIONS.....

16. Was any method of propulsion obvious?...NO.....

17. Describe any sound heard, including changes in pitch and intensity.....NONE.....

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?.....

19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances.....PHANTOM..AIRCRAFT..IN..CIRCUIT.....

20. Give duration of any stationary phases..ONE..MINUTE....

21. Describe any deviations or manoeuvres..STOP..AND..START..

22. Describe any trail of exhaust, vapour or light seen.....

LIGHT..WENT..OFF..THEN..PICKED..IT..UP..FURTHER ON.

23. Where was object last observed:

.../3

(a) relative to your surroundings OVER FUEL FARM..

(b) angle of elevation.....

(c) compass angle bearing.....

24. What was the manner of its disappearance? VANISHED.....

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc). NO.....

.....

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity... NONE.....

27. How many witness to the sighting? NONE.....

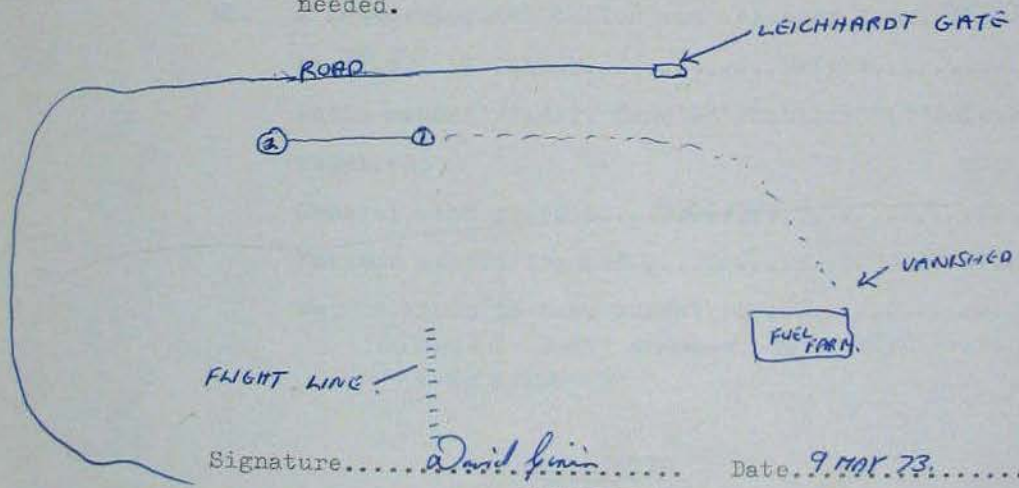
28. Do you know of witnesses to similar sightings in the area? NO.....

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? NO IDEA.....

30. What are your main reasons for excluding this explanation?

.....

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.



Signature..... David Finn..... Date. 9 MAY 73.....

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....See written report.....(2).....(3)

Heading.....Paragraph 3.....T.....T

Height.....,000 ft.....,000 Ft.....,000ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....(1).....NIL.....(2).....(3)

Heading.....T.....AIRCRAFT.....T.....T

Height.....NIL.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA.

34. Observer's Location: Latitude 27°39'.....Longitude 152°43'.....

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at that time. By day, give location of Venus only.....NIL.....

.....

36. A meteorological ballon was released from.....BRISBANE.....

at.....1030.....Z Colour.....Weight.....gm

Radio-sonde**/radar: Candle**/battery**(**delete as required)

General wind profile.....WESTERLY.....

Maximum height tracked.....,000 ft at.....Z

Was it known to have burst?.....

DETAILS NOT KNOWN AS THEY WOULD BE IRRELEVANT

...../5.

37. The first significant temperature inversion was of ...../...°C at ..8000...ft, measured at..2030.....Z hrs from.....BRISBANE.....station.

38. Any remarks on satellites, rockets, research balloons, commets, meteorites etc. relevant to the sighting..... .....SEE WRITTEN REPORT PARA 4.....

39. When an aircraft is a possible identification, include radar trace if available, and ascertain which of the aircraft lights were operating..... .....

40. The cause (or likely cause) of the sighting can*/~~cannot~~* be determined.

41. The object reported probably was*/~~may have been~~* (delete as required)

.....ARMY HELICOPTERS.....

.....82 Wing.....(Unit).....R.M. BOARDMAN.....(Name)

.....14 MAY 73.....(Date).....Sqn Ldr.....(Rank)

RESTRICTED

REPORT ON UFO SIGHTING
AT AMBERLEY ON 2ND MAY 1973

1. AC GIRVIN D.B., Security Guard, was on duty in the Phantom lines in the north west section of the base, when he observed the lights.

2. Nature of Sighting. He first noticed a bright white light over Leichardt, a residential suburb between Amberley and Ipswich. It moved from left to right at about aircraft speed, and then disappeared for a short while. It reappeared further south as if either the object has flown behind something or the light had gone out while the object had kept moving. The second light followed it about a minute later and did the same thing. AC GIRVIN could not give an estimation of height, but indicated, during an interview on 14 May, the elevation. This was judged by the investigating officer to be about 20°-30°. Both lights disappeared over the fuel farm, a bearing of approx 140° T from his position.

3. Helicopter Activity. The Army was flying navexs that night, in 'Kiowa' helicopters, from 1900K to 2245K. The planned route was Amberley (058°T) - Brisbane - Coolangatta - Bromelton (333°T) - Amberley, at 5000ft. These aircraft carry a white light in addition to the normal navigation lights. The white light would dominate at any distance.

4. Other Activity. There was no other activity that could be associated with the sighting in any way. The satellite, Pageos I, passed at 2134K with an elevation of 49° and direction of 183°, but the aximuth of 262° and the time do not coincide.

5. Probable Cause. The lights were probably helicopters that had departed from their route and flight plan. The speed, appearance and elevation coincides within reason, and the position is possible. The 'Kiowa' is a reasonably quite aircraft, and this, coupled with the westerly wind, could account for the lack of noise. AC GIRVIN was not concerned about the lights and was only prompted to report them after he had seen LAC JONES report in the guard log book seven days later.

Helis in fact came enroute Beenleigh 4YB + landed to the north on pad. Tk 2794.
Like choppers as reason.

14MAY73

(R.M. BERTRAM)
Sqn Ldr
82 Wing Intell0

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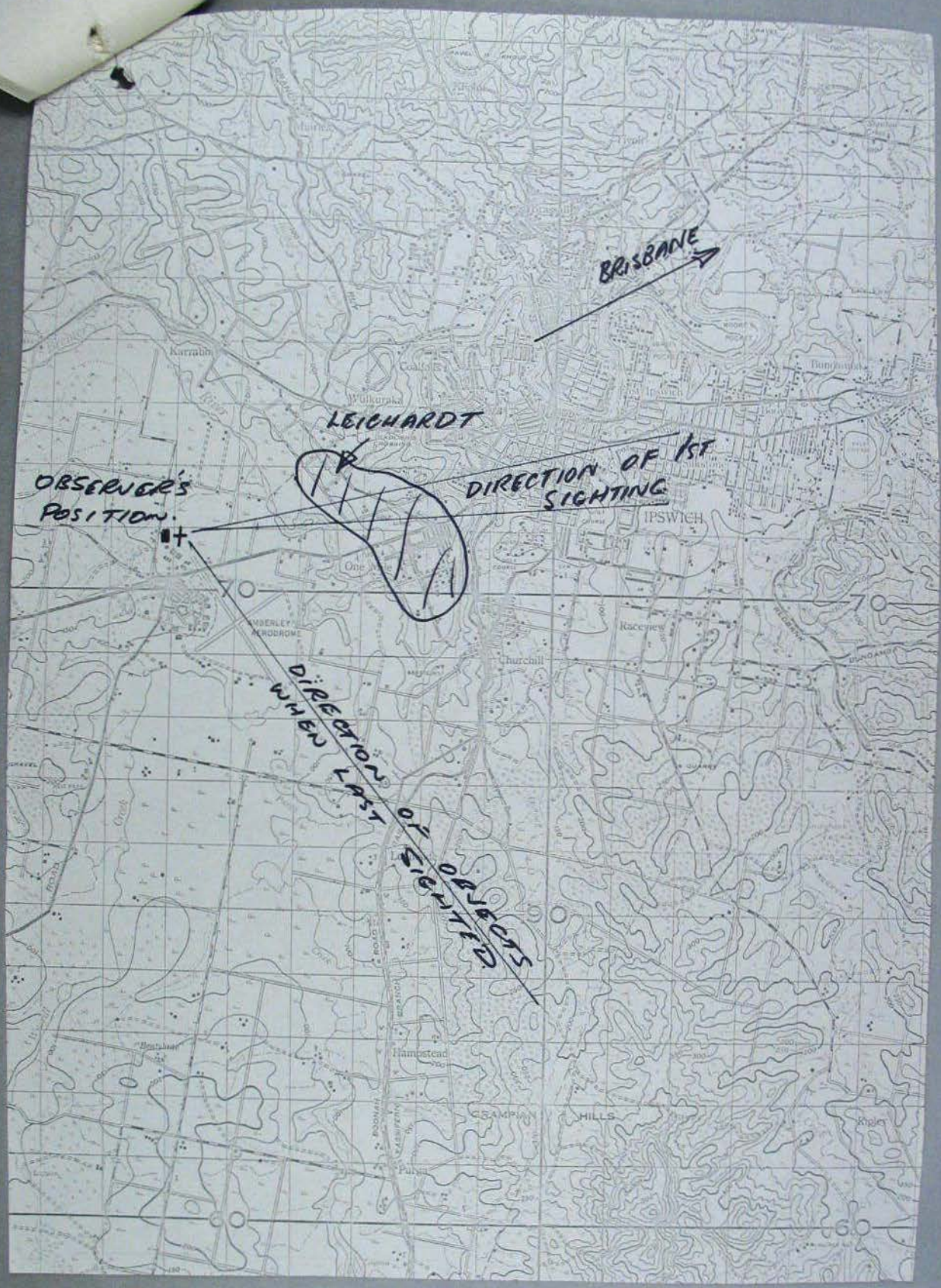
BRISBANE
LEICHARDT
OBSERVER'S POSITION.
DIRECTION OF 1ST SIGHTING
DIRECTION WHEN LAST OF OBJECTS SIGHTED
IPSWICH
AMBERLEY AERODROME
Churchill
Raceview
Karrabin
Wulkuraka
Hamstead
CRAMPTON HILLS
Ripley

6 APR 73

D 2030

SIGHTING # 2

CHARDALE Hill AYR (SW) MISS JUDI KIMBER

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No. 7530-66-052-8064

FROM	FILE	DATE	REFERENCES
DEPAIR	580/1/1 Pt 23(23)	15 JUN 73	HQTVL 5/40/AIR(45) OF 11 MAY 73

TO	ATTENTION
HQTVL	F.O

SUBJECT
REPORT OF UNUSUAL AERIAL SIGHTING

Enclosed, for your records, is a copy of a letter from this Department to Miss J. Kimber in reply to her report of an unusual aerial sighting.

ENCLOSURE: Copy of letter to Miss J. Kimber

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
M. Cretton	M. CRETTON	FLG OFF	IR 2	2408

580/1/1 Pt 23 (2a)

14 JUN 1973

Miss J. Kimber,
CLAREDALE Via AYR,
QUEENSLAND 4807

Dear Miss Kimber,

With reference to your report of an unusual aerial sighting on 6th April 1973, the opinion of the investigating team is that the object sighted was a high flying balloon, and this theory has been subscribed to by personnel involved in balloon research in Australia.

Balloon launchings are conducted in Australia by numerous organizations including The Department of Supply, The Department of Science, the Bureau of Meteorology, and international agencies approved by The Department of Civil Aviation. Unfortunately, enquiries made of these organizations resulted in no record of launchings from within Australia during a reasonable period of time prior to your sighting. However, information was gained from these organizations that launchings from other countries are common, and balloons circumnavigate the Earth relaying scientific information to interested agencies.

It is thought that this sighting was of an internationally launched balloon which was drifting westward on an easterly wind at 70,000 feet. Meteorological records of wind for 6th April show that westerly winds were prevalent up to 55,000 feet then they veered through north to become easterly at 65,000 feet. Although you assessed the altitude of the object sighted as being approximately 30,000 feet, this was probably an underestimate, as the actual size of the object is unknown and records show that underestimation of altitude is normal in these sightings.

Concerning the light pattern observed on the object, it is considered that this was the result of the reflection of the sun on the material of the balloon, as the sun would have been relatively low in the eastern sky.

We trust that this explanation is satisfactory and thank you for your interest.

Yours faithfully,

(G.J. ODGERS)
Director of Public Relations

ROYAL AUSTRALIAN AIR FORCE

DEPT. OF AIR 580-1-1

TELEPHONE: 795666

Headquarters
RAAF Base
TOWNSVILLE QLD 4810

DAFI 30-5-73

IN REPLY QUOTE 5/40/Air(48)

11th May 1973

Department of Air (Attn: DAFI)

DAFI For Information

Headquarters Operational Command (SO INTEL)

UNIT EVALUATION OF UNUSUAL AERIAL SIGHTING

1. The following aspects were investigated and considered by the Formation Counter Intelligence Officer (FCIO) in his attempt to find a satisfactory explanation for the sighting referred to in the attached enclosures 1 and 2:-

a. Aircraft. There were no known civil or military aircraft operating in the area at the time.

b. Visible Satellites. None of the twelve highly luminous satellites listed by the Weapons Research Establishment in the predictions bulletin received fortnightly at this headquarters can be related to the sighting.

c. Meteorological Balloons. The OIC Meteorology Townsville, when contacted, stated that no balloons would have been in the area at the time from either Townsville or Mackay.

d. Meteorological Conditions. Weather conditions at the area of the sighting indicated a minimum of cloud, no significant temperature inversion was present and the wind was from the north west at approximately 8 knots.

e. Celestial Bodies. Enclosures 3 and 4 are photo copies of the relevant sections of the Air Almanac. Originally it was thought that an eclipse of Jupiter or Mars may have produced an astronomical phenomenon which would account for the sighting. However, this has subsequently been discounted because of the movement of the object from 40°

/2

through the theodolite it was a line of lights
the sketch is how it was through the theodolite

elevation to 15° elevation [illegible]

2. After consideration of all the information gained in the evaluation process, this headquarters is unable to offer any probable explanation as to the nature of the occurrence.

(W.G. CANNIFFE)
Flying Officer
for Officer Commanding

Enclosures: 1. Report and Evaluation Proforma

2. Statement by observer

3. Photo copy of Air Almanac Sky Diagram

4. Photo copy of Planet Location Diagram

Through the theodolite it was a line of lights
the sketch is how it was through the theodolite

REPORT ON UNUSUAL AERIAL SIGHTING

Part 1 - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form)

1. Name of observer ..... Miss Judi KIMBER ..... Age ..19.....

2. Address of observer .CLAREDALE.....
..... VIA AYR ..... Phone .827-207...

3. Occupation of observer .Clerk-Typist.....

4. Date and time of start of observation ...0800K. 6Apr73.....
How certain is the date? ....Positive.....
How accurate is the time of start? ..... As Above .....

5. Duration of observation .....70 mins.....
How accurate is your estimate? ....Quite Accurate.....

6. Observer's location at time of sighting .Marandah Irrigation Commission
.Office.....
How familiar is observer with this locality? .Has been in area 7 years
.....

7. Weather conditions at time of observation .Fine - Lt cloud cover.....
extending to 15° above horizon.....

8. Describe any aids/equipment used in the observation Binoculars and...
Theodolite.....

9. Where was object first observed?
(a) Relative to your surroundings ....WSW.....
.....
(b) Anlge of elevation .....40°.....
(c) Compass angle bearing .....240° approx.....
(d) How accurate are these estimates? .Quite Reasonable.....

10. What first attracted observer's attention? Sighted by workers who....
reported it observer.....

A/L 28
1 Apr 70

/11.

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Through the theodolite it was a line of lights
the sketch is how it was through the theodolite

11. If there was more than one light/object: Probably reflected from a differing materials
(a) how many were there? ..Five.....
(b) in what formation were they? ..In vertical line.....

12. What was the colour of the light or object? Gold. Red. Blue.....

13. What was the brightness? (compare with full moon or common light source at a stated distance, eg, ordinary street light at 100 yards)
Reported as very shiny only... (see report attached).....

14. What was the apparent size at nearest approach:
(a) relative to Venus or Moon ..UNK.....
(b) relative dimensions in inches at arm's length (about 20 inches from the eyes).....UNK.....

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?..240° / 40° Elevation. Theodolite.....
.....

16. Was any method of propulsion obvious? .....No.....

17. Describe any sound heard, including changes in pitch and intensity
.....None.....

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? ..40°..to.15°..-.30,000ft.....

19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with movement of familiar objects at stated distances
None.apparent.except.slow.descent.to.15°.....

20. Give duration of any stationary phases .....None.....

21. Describe any deviations or manoeuvres .....Straight line only.....

22. Describe any trail or exhaust, vapour or light seen.Lights.are.....
described.in.observers.own.written.report.....

23. Where was object last observed?
(a) relative to your surroundings .....WSW.....
(b) angle of elevation .....15°.....

A/L 28
ASI 3/A/5
Annex A
1 Apr 70

/(c)

Through the theodolite it was a line of lights
The sketch is how it was through the theodolite

(c) compass angle bearing ..240°.....

24. What was the manner of its disappearance? ..Behind or into cloud....

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity, etc)? .....No.....

.....

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity

Witnesses were familiar with use of theodolite.....

27. How many witnesses to the sighting? .13 people saw phenomenon.....

28. Do you know of witnesses to similar sightings in the area?

.....UNK.....

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? ....unable to answer.....

30. What are your main reasons for excluding this explanation?

.....N/A.....

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed. **(See enclosure 2)**

Signature ..... Date ..30APR73.....

(W.G. CANNIFFE)
Flying Officer
Headquarters
TOWNSVILLE

A/L 28
ASI 3/A/5
Annex A
1 Apr 70

RESTRICTED

Through the theodolite it was a line of lights
the sketch is how it was through the theodolite

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type ....N/A... (1)..... (2) ..... (3)

Heading .....T.....T.....T

Height .....,000ft.....,000ft.....,000ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

A/C type....N/A....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....,000ft.....,000ft.....,000ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA.

34. Observer's Location: Latitude..19.47..... Longitude..147.12.....

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at that time. By day, give location of Venus only **E-N-East at 35° angle of elevation**

.....

36. ⊙ A meteorological balloon was released from .....

at .....Z Colour ..... Weight .....gm

Radio-sonde**/radar**: Candle**/battery**(** delete as required)

General wind profile .....

Maximum height tracked .....,000ft at .....Z

Was it known to have burst? .....

A/L 28
ASI 3/A/5
Annex A
1 Apr 70

⊙ **OIC Met contacted. Advised that no balloons from Tvl or Mackay would tie in with sighting.**

/37.

20K 270/20
30K 280/28
40K 280/46
50K 270/36
60K 350/14
70K E/light

Though the theodolite it was a line of lights
the sketch is how it was though the theodolite

37. The first significant temperature inversion was of
N/A °C at .....ft, measured at .....Z
hrs from .....station.

38. Any remarks on satellaties, rockets, research balloons, comets, meteorites etc. relevant to the sighting....Nope.....
.....

39. When an aircraft is a possible identification, include radar trace if available, and ascertain which of the aircraft lights were operating .....N/A.....
.....

40. The cause (or likely cause of the sighting xxxx/cannot be determined.

41. The object reported probably was*/may have been* (*delete as required)
.....UNK.....

HQTVL (Unit) W.G. CANNIFFE (Name)
1MAY73 (Date) Flying Officer (Rank)

A/L28
ASI 3/A/5
Annex A
1 Apr 70

RESTRICTED

Through the theodolite it was a line of lights
the sketch is how it was through the theodolite

19.4.73

F/O Kennifle,
H/Q R.A.A.F. Base,
Townsville Q'ld.

re Sighting from Clandale - 6th April, 1973.

At approximately 8am on 6th April, Mr. L. Roots, a Water Officer, reported that a spot had been seen from the new pumpstation site in the Burdekin River, three quarters of a mile from the Clare I.W.S. Office.

I went home to get a pair of binoculars and lost sight of the spot. I did not see it until I got back to the Office verandah.

We lined it up with the Workshop roof, some 50 yards from the Office. It was 40° from the horizon in a W.S.W. direction & seemed to be moving in the same direction in its own orbit.

It has been approximated at 30,000 feet high and 200 feet long.

Thirteen people sighted it through both the theodlite and binoculars during the 70 minutes it was in sight. I saw it last about 15° from the horizon. The weather conditions were exceptional with a light cloud cover extending to about 15° above the horizon. I lost it when it reached the cloud cover.

Through the binoculars, it seemed to be as follows.

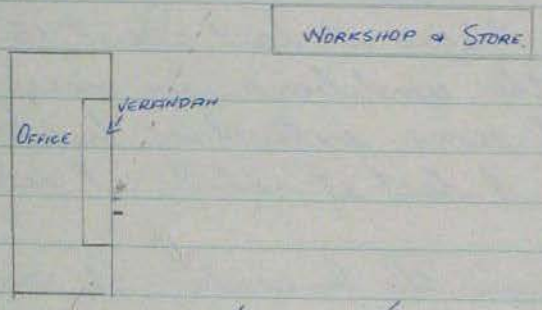
It was shining a silver colour. Through the theodolite it was a line of lights the sketch is how it was through the theodolite

The gold circle was around the last 2 sections and was a haze. It could have been a reflection from the sun or a balloons.

Three men, one being the policeman S/Const. A. Henry. O.I.C. of Clare Police Station, saw a blue & red colouring on the lights, the red going into a gold towards the end.

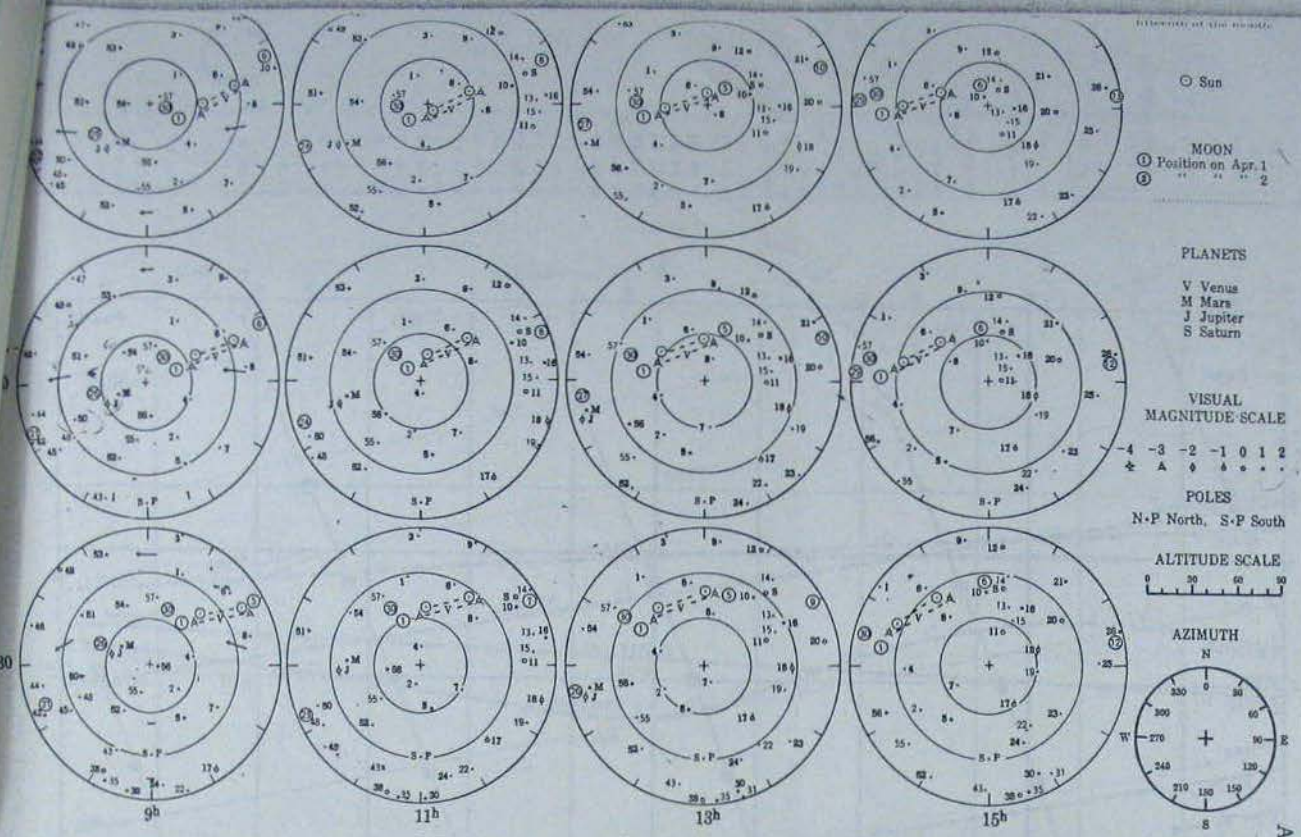
All spots were very shiny
The 'x' is at the bottom of the back steps of the Office where the theodolite was set up. We lined it up in a line from the end of the roof.

* Object.



I hope this will be of some help to you. Please ring if you have any more queries

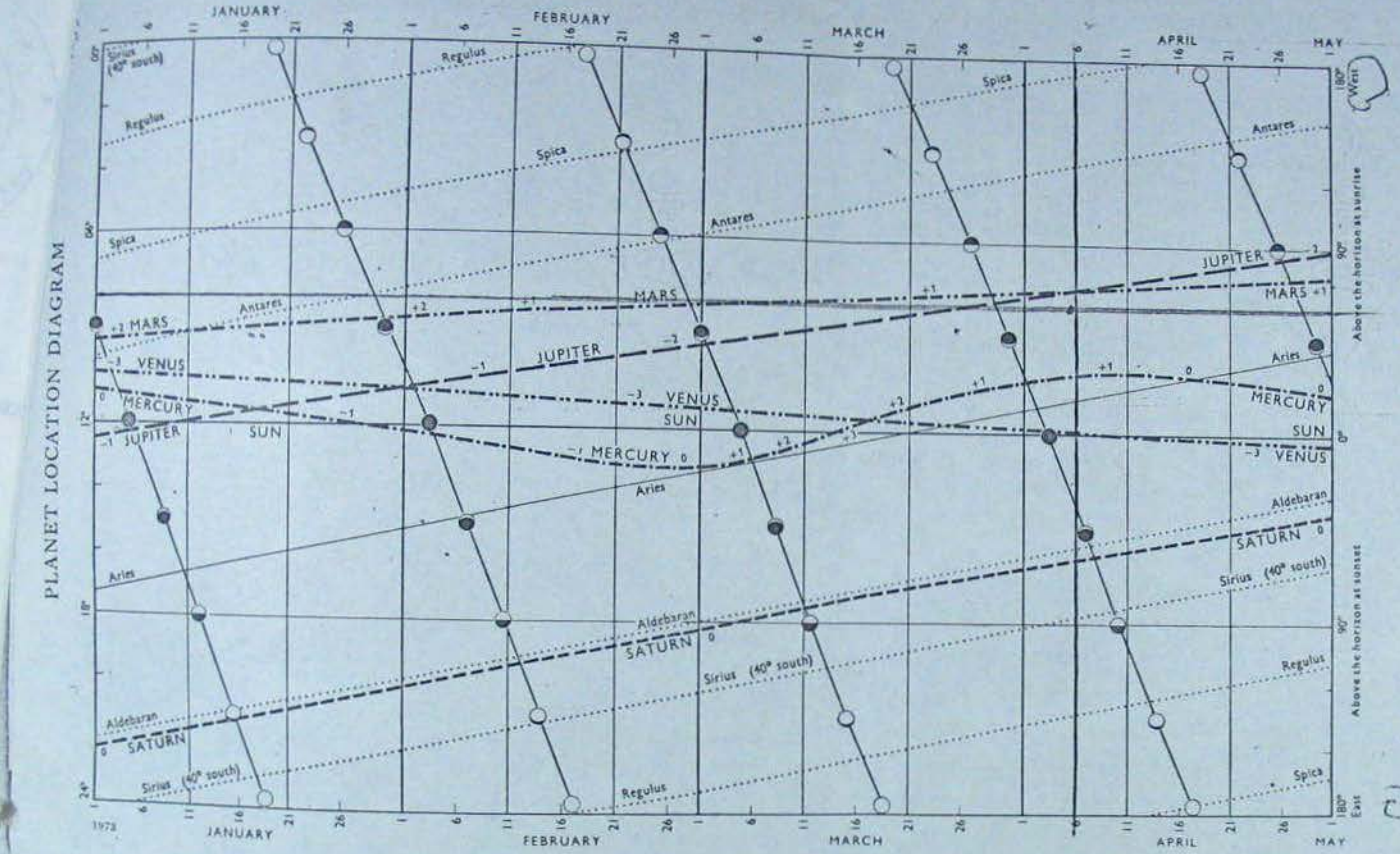
Yours faithfully
Jude Kumber.



DAY SKY DIAGRAMS 1973 APRIL

A47

S30


PLANET LOCATION DIAGRAM
JANUARY
FEBRUARY
MARCH
APRIL
MAY
1973
Sirius (40° south)
Regulus
Spica
Antares
Aries
Aldebaran
JUPITER
MARS
VENUS
MERCURY
SUN
SATURN
Above the horizon at sunrise
Above the horizon at sunset
West
East
90°
180°
0°
12°
18°
24°

22 APR 73

SIGHTING # 1

WANDIN EAST VIC

MAJOR P BAKER

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No 7530-66-052-8064

FROM	FILE	DATE	REFERENCES
DEPAIR	580/1/1/P. 23(15)	1 JUN 73	YOUR S/6/1/1/AIR(69) OF 11 MAY 73

TO HQSC ATTENTION CINTEMO

SUBJECT REPORTS OF UNUSUAL AERIAL SIGHTINGS

Enclosed, for your records, is a copy of a letter from this Department to Master P. Baker, in reply to his report of an unusual aerial sighting.

ENCLOSURE: Copy of letter to Master P. Baker

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
M. Cretton	M CRETTON	FLG OFF	IR 2	2408

580/1/1 Pt 23 (1a)

31 MAY 1973

Master P. Baker,
Wandin East Road,
WANDIN EAST, VIC 3139

Dear Peter,

With reference to your report of an unusual aerial sighting on 22nd April 1973, it is regretted that the observation cannot at this stage be logically explained.

A great deal of interest has been generated from your report and a theoretical explanation which is impossible to prove is that the sighting was actually a mirage, or refracted image, from a vehicle moving along Old Baker Road. At the time of sighting, the position of the sun would have been such that reflection from a car could have been refracted through the lower atmosphere to appear as a flying object. At the time of sighting we must assume that many other people would have been outdoors in your area. If the object were solid it would be logical to assume that some of those people would also have reported sighting an unusual object. As they didn't, we believe that your position relative to the sun was critical.

Perhaps your parents or your teacher may be able to explain the refraction process mentioned in paragraph 2. We thank you for your report and trust that the suggested explanation is satisfactory to you.

If in the future, further reports relating to your sighting are received, further investigation may be warranted.

Yours faithfully,

for (G.J. ODGERS)
Director of Public Relations

Typed DAH 30 May 73

ROYAL AUSTRALIAN AIR FORCE

TELEPHONE: 690550

TELEGRAPHIC ADDRESS:
"AIRCOMMAND, MELBOURNE"

HEADQUARTERS SUPPORT COMMAND
RAAF
VICTORIA BARRACKS
MELBOURNE SC1 VIC 3004

IN REPLY QUOTE 5/6/1/Air(59)

11 MAY 1973

Department of Air (DAFI)

REPORT OF UNUSUAL AERIAL SIGHTING

Attached is an unusual aerial sighting report from Master P. Baker.

(R.R. RODDY)
Squadron Leader
For Air Officer Commanding

Enclosure: 1. Report by P.Baker

UNCLASSIFIED
~~RESTRICTED~~

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer ..PETER...BAKER.....Age ...11.....

2. Address of observer..WANDIN...EAST...RD.....

.....WANDIN...EAST.....Phone.....

3. Occupation of observer....STUDENT.....

4. Date and time of start of observation..22/4/73...≃ 3:30 P.M.

How certain is the date?.....ACCURATE.....

How accurate is the time of start?.....± 30 minutes.....

5. Duration of observation.....1....MINUTE.....

How accurate is your estimate?...REASONABLE.....± 30 SECONDS

6. Observer's location at time of sighting..≃..20..metres...~~N~~ N.E.
of...dam...on...property...of....father.....

How familiar is observer with this locality?....very.....

7. Weather conditions at time of observation....Fine...with...a....
..few....clouds....(cumulus).....

8. Describe any aids/equipment used in the observation.....N.I.L.....

.....

9. Where was object first observed? :

a. Relative to your surroundings.....~~N~~ N.E. at about.....
...80-100 ft...above...the...ground.....

b. angle of elevation.....

c. compass angle bearing.....≃...~~N~~ N.E.....

d. how accurate are these estimates?....REASONABLE.....

10. What first attracted observer's attention?....IT'S....PRESENCE..

.....

11. If there was more than one light/object :

a. how many were there?.....

b. in what formation were they?.....

12. What was the colour of the light or object?..DULL....GREY.....

~~RESTRICTED~~

UNCLASSIFIED

① Peter, Lorraine and Michael:

We were walking North along a fence in my father's property when our attention was attracted by a flying object. It was flying slowly towards us at a height of about 80 - 100 ft.. It was not spinning but had flashing amber lights all around its side. As it drew near us it slowed down for a few seconds. Lorraine hid in a drain. Michael and I stood and watched it. It then resumed its approach speed and left heading South. After about 25 yds. it instantly disappeared.

Signed: Peter Baker.

Witnessed: J.J. Flatt

② Jim:

I was walking South near my house when I looked up and saw a flying object which appears to be identical to the one described by Peter. It approached at about walking pace from the South. It slowed down near me for a few seconds. I stood and watched it. It then departed in an Easterly direction towards Seville and disappeared. This was at about 3.30 P.M. 22/4/1973.

Signed: Jimmy GAUDION

Witnessed: J.J. Flatt

UNCLASSIFIED
~~RESTRICTED~~

13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards).....DULL.....

14. What was the apparent size at nearest approach?:

a. relative to Venus or Moon.....≅..DIAMETER...30 ft.....

b. relative dimensions in inches at arm's length (about 20 inches from the eyes).....—.....

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?...~~WEST~~ EAST...AT...≅ 50° ABOVE HORIZONTAL

16. Was any method of propulsion obvious?.....N.O.....

17. Describe any sound heard, including changes in pitch and intensity .....NO.....SOUND.....

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?. .....—.....

19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances .MAXIMUM..≅... ..4.M.P.H...MINIMUM..≅..1..M.P.H.....DISAPPEARED..INSTANTLY

20. Give duration of any stationary phases.....NIL.....

21. Describe any deviations or manoeuvres..APPROACH N.W. DEPART S.

22. Describe any trail of exhaust, vapour or light seen..ON...TOP..PERIMETER. FLASHING AMBER LIGHTS

23. Where was object last observed :

a. relative to your surroundings.....S..at..≅..50 ft.....

b. angle of elevation.....≅ 45°.....

c. compass angle bearing.....S.....

24. What was the manner of its disappearance?....INSTANT.....

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc)....NIL.....

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity...Questioning from...teacher...using...familiar...distances...and...heights

27. How many witness to the sighting?.....THREE...+...SELF.....

~~RESTRICTED~~
UNCLASSIFIED

UNCLASSIFIED ~~RESTRICTED~~

JAMES GAUDION
LORRAINE BAKER
MICHAEL HALL

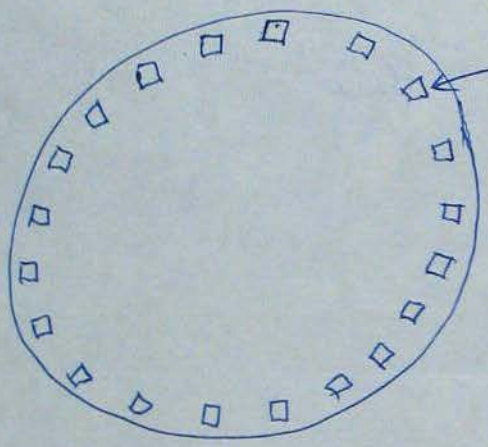
28. Do you know of witnesses to similar sightings in the area?.....

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?.....NIL.....

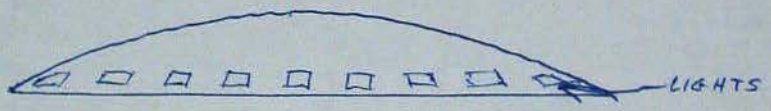
30. What are your main reasons for excluding this explanation?...SIGHTING EXTREMELY CLOSE AND OBVIOUS.....

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.

PLAN FROM ABOVE



PROFILE



P.T.O.

Signature Peter Baker..... Date...30th April, 1973..

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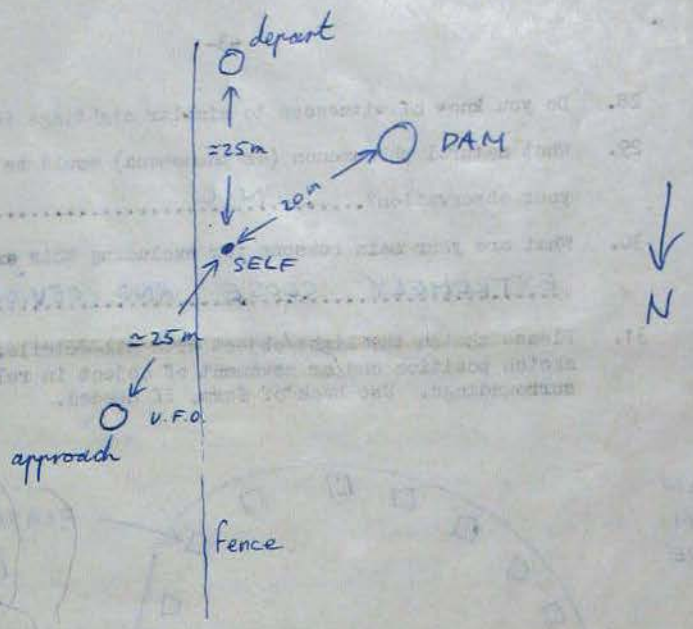
depart
≒25m
DAM
20m
SELF
N
≒25m
U.F.O.
approach
fence

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time :

A/C type....Nil.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time :

A/C type....Nil.....(1).....(2).....(3)

Heading.....T.....T.....T

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA.

34. Observer's Location : Latitude....37493.....Longitude....14527E

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at that time. By day, give location of Venus only....not considered.....

36. A meteorological balloon was released from ....LAVERTON.....

at....1500K.....Z. Colour.....Weight.....gm

Radio-sonde**/radar**: Candle**/battery** (**delete as required)

General wind profile....Not considered due distance from LAV & rate of climb

Maximum height tracked.....,000 ft at.....Z

Was it known to have burst?

37. The first significant temperature inversion was of ....Nil....°C at .....ft, measured at.....Z hrs from..... ....station.

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc. relevant to the sighting....Not considered.....

39. When an aircraft is a possible identification, include radar trace

39. When identified as a possible aircraft, include radar trace if available, and ascertain which of the aircraft lights were operating.
N/A.

40. The cause/likely cause of the sighting cannot be determined.

41. The object reported etc (N/A)
Unidentified.

Lo GIBBS
4&SCU

1. I interviewed Mrs Baker, the mother of Peter and Lorraine, and Mr Baker the children's grandfather on 7MAY73. The adult Bakers vaguely recall the children seeing something "odd" a fortnight ago. Mrs Baker had not known the children had completed Part 1 of this report. Wandin East is a fruit and vegetable growing area about 30 miles East of Melbourne. The State School attended by Peter and Lorraine and James Gaudion has one class and one teached, Mr Flattley.

2. I visited the Wandin East State School and spoke with Mr G.J. Flattley. He told me the Baker children had reported the sighting to him on Monday morning, 23APR73. He had asked if any other children had seen the subject of the report and Gaudion claimed he had. Mr Flattley said that Peter Baker is a level-headed child and he has no cause to doubt his statement. He said the children had told him the story simply and without embellishment and this had led him to believe they were not "making it up ".

3. Peter Baker stated that the object shown in Part 1 travelling roughly NNW to SSE at walking speed. It was not spinning, pitching, rolling or yawing and travelled at a constant height of about 100'. The amber lights were flashing continuously at about 1 second intervals. The object was dull light grey with only the lights visible. When it passed overhead the bottom surface was bare. It disappeared instantly when it was about 100 yards away to the South. Lorraine told the same story. The Baker children seemed quite mature, were off-hand about the matter, and seemed reasonably reliable.

4. I then interviewed Mrs Gaudion and James Gaudion who live about 700 yards S-E of the Baker sighting (see map). James is a very vague child of about 10. Mrs Gaudion did not know about the report. James took me straight to a spot in his backyard where he said he had seen the object. He said it was mid-grey and appeared from behind tall pine trees to the East of the rear of the house, travelling roughly East. Not spinning, pitching, rolling or yawing; in level flight. Red-ish lights on top flashed on then off and stayed off. The object diminished in size towards the East but he looked away and wasn't very interested. He said he didn't tell his parents because he did not want to get into trouble. He was very unconcerned as a child of his age can be. His interview differed greatly from his written report where he seems to have copied Baker but he did not appear to be lying at the interview. It was not possible to ascertain an accurate time for the Baker or Gaudion sighting.

5. Inconsistencies included direction of travel, method of disappearance, the way the lights are said to have flashed and a difference in the reported colour of the lights.

6. The interviews did not determine whether the report is a hoax. The baker children seem reliable. Gaudion is very vague and unconcerned. The teacher seemed a practical, responsible person who accepted Peter Baker's report because he seemed to be telling the truth.

7. Michael Hall is a cousin of the Bakers' who lives 10 miles away. He was visiting the Bakers' with his parents on 22APR. I do not intend interviewing him because I did not find any significant difference in the descriptions given by the Baker children and Gaudion.

(R.O. GIBBS)
FLT OFF.

10 MAY 73

REGISTRY CLASSIFICATION PARTICULARS

CLASSIFIER

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2 ~~Duplicate Copy~~ made

17 MAY 1973

3 Date opened

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CONFIDENTIAL

1 Security Classification

2 Title Reports on Flying Saucers and other Aerial Objects

3 Registration Number 580-1-1 PT 23 (newpart)

4 Mark to DAFI

5 Cancel File No _____ vide this File and inform Movements Section of cancellation and new File No

6 Close File No PT 22

7 Cross Reference this File with File(s) PT 1-22

SUBJECT INDEX

Posting	Precis

NAME INDEX

1 Heading | Precis

2 Alter File No on Logging Card for

Letter dated _____ Reference No _____

10187/72—4

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