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.

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

REPORTS ON FLYING AND OTHER AERIAL OBJECTS.
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<td>Vic. Peter Baker</td>
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<td>BOEHMEN ACTIVITY</td>
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<td>2</td>
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<td>MAY</td>
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<td>Mr. J. Terry</td>
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<td>Mr. C.F. Jones</td>
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<td>Mr. C. Jones</td>
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<td>AIRCRAFT - PERTH AIRPORT</td>
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<td>Mr. C. Jones</td>
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<td>MAY</td>
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<td>VISHA.</td>
</tr>
</tbody>
</table>
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.

7 May 82

G. A. PERESKE
G/CAFT
DAFIS
CENSURA

Act
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 869/6/975.

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

30 May 73

[Signature]
Salyut Elements Separate, Signals Lost

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

Breakup of the spacecraft was violent enough to drive 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 broke up into smaller pieces, which were not observed.

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 (AWST Apr. 16, p. 19) may have averted a major space tragedy, although a crew on board the spacecraft might have had 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 precipitated a Salyut launch, because the Salyut station was boosted into a parking orbit Apr. 4.

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

The 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, thrashing it backward along the orbital track, where it would lose attitude 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 deactivation accident (AWST July 5, 1973, 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 Soyuz once docked (AWST 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 (AWST Apr. 9, p. 2).

Other problems believed to have occurred in the Salyut program are indicated in the 1969 Soyuz 6, 7 and 8 triple manned flights 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 Salyut series.

The follow-on mission to Soyuz 6 was to be 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 in 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 362. 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 inoperable, the Soviets are left with at least one SL-13 launch vehicle mated to a Salyut 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, to a manned Soyuz flight using the existing hardware might take place soon in spite of the Soyuz loss. For the Soviets to see 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 Soyuz/Salyut mission probably would have drawn from a group of cosmonauts in training for such flights including Pavel Belyayev, pilot of Soyuz 5; Valery Bykovsky, pilot of Soyuz 6; Boris V. Volynov, who flew on Soyuz 5; and Georgi G. Shonin, who flew on Soyuz 8.
Enclosed, for your records, are copies of letters from this Department to Mr. M. Fenton and Mr. A. D. Evans, in reply to their reports of unusual aerial sightings.

Enclosures: Copies of letters to Mr. M. Fenton and Mr. A. D. Evans.
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,

(S.J. OEGERS)
Director of Public Relations
Mr A. P. Evans,
175 Alvanvale Road,
HOBART 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,

[Signature]

(G.J. Odgers)
Director of Public Relations
MEMORANDUM

FROM

TO

ATTENTION

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.

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<tr>
<th>SIGNATURE</th>
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<th>RANK AND APPOINTMENT</th>
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<td>P. I. A. 1st 1st</td>
<td>7410</td>
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</table>

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)
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 24
2. Address of observer 175 Alcove Road Newtown Phone 26 3054
3. Occupation of observer Teacher
4. Date and time of start of observation 15th Nov 1973 5:30 PM
   How certain is the date? Certain
   How accurate is the time of start? Approximately
5. Duration of observation About 2 minutes
   How accurate is your estimate? Within 2 minutes
6. Observer's location at time of sighting Fairfax 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 22° from horizon
   c. compass angle bearing 180°
   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? 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)
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°/60°

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 fins 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 indentations, residual magnetism or radioactivity etc)
   None

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 Math and Science

27. How many witness to the sighting?
   None known
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? 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.
### Part 2 - Unit Evaluation

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>ATD/ATA*</th>
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33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

<table>
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</table>

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 1600 " at Colour Silver  
Weight  
Radio-sonde **/radar** : Candle **/ battery** (** delete as required)  
General wind profile  
Maximum height tracked  
Was it known to have burst?  Yes  

37. The first significant temperature inversion was of 9°C at  
ft, measured at 3 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 may have been (delete as required) Skylab
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 WOOD

2. Address of observer: 46 Rainbow Road

3. Occupation of observer: Meteorologist

4. Date and time of start of observation: 15/07/73 6:10 a.m.
   How certain is the date?: Positive
   How accurate is the time of start?: Exact

5. Duration of observation: Approximately 3 - 5 minutes
   How accurate is your estimate?: Approximate

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

7. Weather conditions at time of observation: 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: 20° - 30°
   c. Compass angle bearing: 220°
   d. How accurate are these estimates?: Approximate

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

11. If there was more than one light/object:
    a. How many were there? Very bright, in front, followed by 5
    b. In what formation were they? Stretched

12. What was the colour of the light or object?: Dark
    1st brighter than others
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)

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

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 faster than any seen

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, scorched 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?
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.
Part 2 - Unit Evaluation

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

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<td>,000 ft</td>
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<td>hrs</td>
</tr>
<tr>
<td>(1)</td>
<td></td>
<td>,000 ft</td>
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<td>hrs</td>
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<tr>
<td>(2)</td>
<td></td>
<td>,000 ft</td>
<td></td>
<td>hrs</td>
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</table>

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

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<th>Speed</th>
<th>ATD/ATA*</th>
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<tbody>
<tr>
<td>None</td>
<td></td>
<td>,000 ft</td>
<td></td>
<td>hrs</td>
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<tr>
<td>Known</td>
<td></td>
<td>,000 ft</td>
<td></td>
<td>hrs</td>
</tr>
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</table>

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: Colour: Height: ge

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.
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.
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)
# 13

MASCOT
NSW

MR. C. McKEA
REPORT OF UNUSUAL AERIAL SIGHTINGS

Part 1 - Report by Observer

1. Name of observer: Nigel van HAMBURG  
   Address: 27 Duntroon Ave., ROSEVILLE 2069
   State: NSW  
   Postcode: 2069
   Age: 28
   Occupation: Air Traffic Controller
   Phone (home): 4064402  
   (business)

2. Exact location of observer: Control Tower, MASCOT AIRPORT

3. Start of observation: Date: 12 MAY 73  
   Time: 1355Z
   End of observation: Date: 12 MAY 73  
   Time: 1800Z

4. Accuracy of date: pos  
   Accuracy of times: pos

5. Weather conditions at time of observation, referring to cloud, wind, visibility etc. Fine. Nil cloud. Calm QNH 1014/1013. Temp 9°C
   Dewpoint 8°C. Vis: 25SM. light mist forming from 1800Z

6. In what direction was the sighting first observed? 020° W
   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.
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 forming 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.
Have you any photographs of the sighting, or is there any physical evidence of fragments, scorched or ground indentations? No

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

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 MASQ62. (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.
Part 2 - Unit Report

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>Departed From</th>
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</thead>
<tbody>
<tr>
<td>NIL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source of information - Area Control SYDNEY

1b. Details of civil aircraft activity, including light private aircraft and international flights, in the area at the time of the sighting.

<table>
<thead>
<tr>
<th>Type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>Departed From</th>
<th>ATD</th>
<th>Destination</th>
<th>ATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>F27</td>
<td>North</td>
<td>5000+</td>
<td>200+</td>
<td>Sydney</td>
<td>1600</td>
<td>Brisbane</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>STAR</th>
<th>MAG.</th>
<th>2355K BRG</th>
<th>2355K ELEV</th>
<th>0400K BRG</th>
<th>0400K ELEV</th>
</tr>
</thead>
<tbody>
<tr>
<td>RASIELHAGUE</td>
<td>2.1</td>
<td>030T 34</td>
<td>320T 35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ALPHECCA</td>
<td>2.3</td>
<td>010T 34</td>
<td>305T 15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VEGA</td>
<td>0.1</td>
<td>020T 15</td>
<td>350T 20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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, ACC, 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 ft

from

Wind direction calm at _______ ft

upper air levels not available

______ 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.
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.

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 coincides with the position of Vega and so does the subsequent track, but the final elevation is somewhat low. RASSELHAGUE and ALPHEGA 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.
<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME</th>
<th>REMARKS</th>
<th>SIGNATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0800</td>
<td>Report from the base of a white light with red-green and red flasher. No details were noted about the character or nature of the object.</td>
<td></td>
</tr>
<tr>
<td>12/17/41</td>
<td>1355</td>
<td>Lt. Comdr. D. O. C. received a report from Lt. Comdr. D. O. C. regarding the sighting of a white light in the sky. The light was described as being stationary and maintaining a constant course. The signal was illuminated by the light from a nearby ship.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1930</td>
<td>Lt. Comdr. D. O. C.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0000</td>
<td>Lt. Comdr. D. O. C.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0200</td>
<td>Lt. Comdr. D. O. C.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1200</td>
<td>Lt. Comdr. D. O. C.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2200</td>
<td>Lt. Comdr. D. O. C.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0230</td>
<td>Lt. Comdr. D. O. C.</td>
<td></td>
</tr>
</tbody>
</table>

Lt. Comdr. D. O. C. subsequently reported to the affected ship (USCOC) that a series of events had occurred.
Department of Air (Attn: DAFI) CANBERRA

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.

(W. STICKLEY)
Wing Commander
for Air Officer Commanding

Encls: Report and Evaluation forms

No further action until we hear from HQ on with another report of investigation.

19-78
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: 

2. Address of observer: 

3. Occupation of observer: 

4. Date and time of start of observation: 

5. Duration of observation: 

6. Observer's location at time of sighting: 

7. Weather conditions at time of observation: 

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

9. Where was object first observed: 

   (a) Relative to your surroundings: 

   (b) Angle of elevation: 

   (c) Compass angle bearing: 

   (d) How accurate are these estimates: 

10. What first attracted observer's attention: 

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?

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).

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.

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.

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?  

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.
### Part 2 - Unit Evaluation

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>ATD/ATA*</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
</tr>
<tr>
<td>(2)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
</tr>
<tr>
<td>(3)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>ATD/ATA*</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
</tr>
<tr>
<td>(2)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
</tr>
<tr>
<td>(3)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
</tr>
</tbody>
</table>

* 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:  

<table>
<thead>
<tr>
<th>Colour</th>
<th>Weight</th>
<th>Radio-sonde**/radar**: Candle**/battery**(** delete as required)</th>
<th>General-wind profile:</th>
<th>Maximum height tracked:</th>
<th>Was it known to have burst?</th>
<th>The first significant temperature inversion was of:</th>
<th>ft, measured at:</th>
<th>hrs from:</th>
<th>station:</th>
<th>Any remarks on satellites, rockets, research balloons, comments, meteorites etc. relevant to the sighting:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
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<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
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)

Does not equal the reporter's description of bearing (020°).

[Signature]

14905 (Unit)  (Name)  
23 Aug 43 (Date)  (Rank)
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. OGDENS)
Director of Public Relations
COMMONWEALTH OF AUSTRALIA
DEPARTMENT OF AIR.

RETURN STAMPS.
REPORT OF UNUSUAL AERIAL SIGHTING

Enclosed, for your records, is a copy of a letter from the 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
Mr A.J. 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
Director of Public Relations
Department of Air (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
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, SHAWN FOLEY
   Age: 41

2. Address of observer
   No. 1 ROEBY RD
   SUBIACO
   WA 6008

3. Occupation of observer

4. Date and time of start of observation
   13 MAR 73 9 AM

5. How certain is the date?

6. How accurate is the time of start?

7. Duration of observation

8. Observer's location at time of sighting
   ROEBY RD
   SUBIACO

9. How familiar is observer with this locality?
   WENT AROUND AREA SOMETIMES

10. Weather conditions at time of observation
    CLEAR EVENING

11. Describe any aids/equipment used in the observation
    EYES

12. Where was object first observed?

   (a) Relative to your surroundings
   OVAL OFF THOMAS ST, CANNON RD AND ST. SHEPHERD PARK HOME SHEPHERD
   GARDENER HOSPITAL

   (b) Angle of elevation
   SOUTHWESTERLY

   (c) Compass angle bearing
   87.4 DEGREES WEST

   (d) How accurate are these estimates

13. What first attracted observer's attention?
    LIGHTS IN SKY
11. If there was more than one light/object:  
   (a) how many were there? **RED, WHITE LIGHT, 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, e.g., 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 TO THE 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 200 FT IN SKY**
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? **THEN ABOUT 200 FT 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 **THEN A FEW SECONDS THEN DESCENDED**
21. Describe any deviations or manoeuvres **WHITE RED WHITE TRAIL**
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**
24. What was the manner of its disappearance?  

25. Do you know of any associated physical evidence (such as fragments, photographs, scorched, 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 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?  

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  

WHITE RED LIGHTS

080
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

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

* 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 .......... 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. The first significant temperature inversion was of
   
38. Any remarks on satellites, rockets, research balloons,

39. When an aircraft is a possible identification, include

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 ................................................................. Age: ...
2. Address of Observer ............................................................... Phone Number: ...
3. Occupation of Observer ...............................................................
4. Date & Time of Start of Observation .............................................. 13. Mar. 73. 9.00am
5. How certain is the data? .................................................................
6. How accurate is the time of start? ..................................................
7. Duration of Observation .............................................................
8. How accurate is your estimate? ....................................................
9. Observer's location at time of sighting ............................................
10. How familiar is observer with this locality? .....................................
11. Weather conditions at time of observation .....................................
12. Describe any aids/equipment used in the observation ...........................
13. Where was object first observed?:
   a. Relative to your surroundings ..............................................
   b. Angle of elevation ..............................................................
   c. Compass angle bearing ....................................................... 71/4 degrees N. 236/8 degrees W.
   d. How accurate are these estimates? ........................................
14. What first attracted observer's attention? ....................................
15. If there was more than one light/object:
   a. How many were there? ....................................................... 12 Items, general light to center
   b. in what formation were they? ..............................................
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>What was the colour of the light or object?</td>
<td>WHITE</td>
</tr>
<tr>
<td>What was the brightness? (compare with full moon or common light source at a stated distance, e.g. ordinary street light at 100 yards)</td>
<td></td>
</tr>
<tr>
<td>What was the apparent size at nearest approach?</td>
<td></td>
</tr>
<tr>
<td>a. relative to Venus or Moon</td>
<td></td>
</tr>
<tr>
<td>b. relative dimensions in inches at arm’s length (About 20 inches from eyes)</td>
<td></td>
</tr>
<tr>
<td>What were the bearing and elevation angles at nearest approach and how were these values assessed?</td>
<td></td>
</tr>
<tr>
<td>What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>Give duration of any stationary phases</td>
<td></td>
</tr>
<tr>
<td>Describe any deviations or manoeuvres</td>
<td></td>
</tr>
<tr>
<td>Describe any trail of exhaust, vapour or light seen</td>
<td></td>
</tr>
<tr>
<td>Where was object last observed?</td>
<td></td>
</tr>
<tr>
<td>a. relative to your surroundings</td>
<td></td>
</tr>
<tr>
<td>b. angle of elevation</td>
<td></td>
</tr>
<tr>
<td>c. compass angle bearing</td>
<td></td>
</tr>
<tr>
<td>What was the manner of its disappearance?</td>
<td></td>
</tr>
<tr>
<td>Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity, etc)</td>
<td></td>
</tr>
</tbody>
</table>

/ 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

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: ..........................
I recall being asked questions by Police in Sydney关于
of globe, a long time ago. And since 1952.

Also at Deer Park, New South Wales, N.S.W. in 1952.

at Turramurra Guest House, Gladesville, N.S. W.

by man who cut me down with long knife.

They gave me the name of Ronald Thomas

MORRIS - 1967 June 24  August 1967
32. The following military aircraft were in the vicinity of the reported UFO position at the time:

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>ATD/ATA*</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
</tr>
<tr>
<td>(2)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
</tr>
<tr>
<td>(3)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>ATD/ATA*</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
</tr>
<tr>
<td>(2)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
</tr>
<tr>
<td>(3)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
</tr>
</tbody>
</table>

* 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 \( \text{APh} \) at 11:15:30. Colour: White. Weight: 500 g. 

Radio-sonde **/ Radar**: 1

Was it known to have burst?

37. The first significant temperature inversion was observed at \( \text{APh} \) at 11:30:20. Temperature inversion was of \( \text{APh} \) at 11:30:20. Was it known to have occurred?

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

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 cannot be determined.

41. The object reported probably was may have been

(Delete as required)

AN\ AIRCRAFT

- 5 -

HEADQUARTERS RAF AT PEARCE

3 MAY 73

(Unit) (Date)

R. O'NEILL

(Office) (Rank)

(Name of Investigating Officer)
NUNAWADING,
VICTORIA
G.L. & S.M. AUGUSTINI

# 11
G.L. & S.N. Augustini,  
6 Koala Avenue,  
NUNAMARING 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)  
Director of Public Relations
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 Augustine
DEPARTMENT OF AIR (DAFI)

REPORTS OF UNUSUAL AERIAL SIGHTINGS

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

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

Enclosures: 2 Reports
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 Lysie Augustini
2. Address of observer: 6, Kohta Ave, Nunawading, Melbourne, Victoria
   Phone: 5771049, 8788504
3. Occupation of observer: Hairdresser
4. Date and time of start of observation: 8-1-73 9-18 PM
5. How certain is the date? EXACT
6. How accurate is the time of start? ALMOST EXACT
7. Duration of observation: 10 MIN
8. How accurate is your estimate? ALMOST EXACT
9. Observer's location at time of sighting: Above Address from kitchen window & side fence standing on top
10. How familiar is observer with this locality? VERY FAMILIAR
11. Weather conditions at time of observation: WEAK CLEAR NIGHT
12. Describe any aids/equipment used in the observation: Took Photos
13. Where was object first observed?: JUST PAST SHOPPING TOWARD
   a. Relative to your surroundings: Locating 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?
14. What first attracted observer's attention?: A BEAUTIFUL ORANGE TO RED FIRE LIKE OBJECT IN THE SKY
15. If there was more than one light/object:
   a. How many were there? ONE
   b. In what formation were they? CAME FROM THE LEFT SIDE
16. What was the colour of the light or object? RED/PINK
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

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.

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, scorched 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?
26. 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?...

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.

First Sight Through Window: Bright Red to Orange.

[Sketch of light/object]

Then Moving North East, Changed Shape to...

[Another sketch of light/object]

It Slowed Down Where This Happened.

Signature: [Signature]

Date: 11-4-73
Part 2 - Unit Evaluation

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height (ft)</th>
<th>Speed (K)</th>
<th>ATD/ATA* hrs</th>
</tr>
</thead>
<tbody>
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<tr>
<td>(3)</td>
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</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height (ft)</th>
<th>Speed (K)</th>
<th>ATD/ATA* hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLB-727</td>
<td>about 300°</td>
<td>about 3000</td>
<td>about 240</td>
<td></td>
</tr>
</tbody>
</table>

35. Give location of nearest ATD or ATA

Observer's Location: Latitude 37.508°, Longitude 145.09°

36. A meteorological balloon was released from LAV at Z. Colour: Grey.

- Radio-sonde: Candle battery
- General wind profile
- Maximum height tracked 00? ft

Was it known to have burst?

37. The first significant temperature inversion was of

- at 00? ft measured at Z hrs from

- station

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc, relevant to the sighting.
10 MAY 73

NOBLE PARK
VICTORIA

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

Enclosure: Copy of letter to Miss R. Brookfield
Miss R. Brookfield,
2 Knox Street,
MOBLE PARK, VIC 3174

Dear Miss Brookfield,

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, (1973-016A). 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. OBEERS
Director of Public Relations
**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 BROWNFIELD  
   **Age**: 15

2. **Address of observer**: 2. KNOX STREET, NOBLE PARK. M4.  
   **Phone**: 346-7619

3. **Occupation of observer**: STUDENT

4. **Date and time of start of observation**: 05/73  
   **Time**: 7:30 P.M

   - How certain is the date? **VERY CERTAIN**
   - How accurate is the time of start? **FAIRLY ACCURATE**

5. **Duration of observation**: 7 MIN

6. **Observer's location at time of sighting**: NEAR RAILWAY STATION,  
   **Railway Era, Mountains**

   - 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, 600 FEET**
   - **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**
    **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**
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 FUSE WOOD
   b. relative dimensions in inches at arm's length (about 20 inches from the eyes)... ½ inches

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?... **NOT SEEN IN CLOUD**

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 65°

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... **SLOWLY.**

20. Give duration of any stationary phases... **NO.**

21. Describe any deviations or manoeuvres... **NO.**

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

23. Where was object last observed:
   a. relative to your surroundings... **AERIALLY, DOWNWARD DRAFT (NOA).**
   b. angle of elevation... **60°**
   c. compass angle bearing... **NORTH.**

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

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

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

27. How many witness to the sighting?... **THREE.**
28. Do you know of witnesses to similar sightings in the area?..NG

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?..A.WW.RTTW..NENET WP

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

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: [Signature]

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:

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>ATD/ATA*</th>
<th>hrs</th>
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<td>(3)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>ATD/ATA*</th>
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<tbody>
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<td>000 ft</td>
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<tr>
<td>(3)</td>
<td>T</td>
<td>000 ft</td>
<td>K</td>
<td>hrs</td>
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</tr>
</tbody>
</table>

* 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.

37. The first significant temperature inversion was of 11°C at 5,300 ft measured at 1100 hrs from LAV station.

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

39. When an

9 am very strong inversion for broke during day arrived at night
from about 736 5,300
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 cannot be determined.

41. The object reported probably was 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 the area at the time of the sighting reported. The 1:00Z reading showed strong development which continued during the night. No other probable causes available at this time.

HASCU

24 MAY 73

(Rank)

(Name of Investigating Officer)

(Lt. Col)

(Date)

Miss Brockfield told Sergeant Reddy 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

Decay of 1972-0902 10/5

1973-018C 10/5
22 MAY 73

# 9

MINTO
NSW

M. J. John Terry
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.
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,

[Signature]

(G.J. ODGERS)
Director of Public Relations
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 JERRY

2. Address of Observer. 82 Minto Road MINTO

3. Occupation of Observer. not given

4. Date & Time of Start of Observation. 22330X MAY 78

5. Duration of Observation. One hour plus

6. Observer's location at time of sighting. at home address

7. Weather conditions at time of observation. cold 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. Regular colour and size

11. If there was more than one light/object :
   a. How many were there? 998

   b. In what formation were they?
12. What was the colour of the light or object? 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) fuller 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 arm's length

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... no

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>ATD/ATA*</th>
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</table>

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

<table>
<thead>
<tr>
<th>A/C type</th>
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<th>Height</th>
<th>Speed</th>
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<tr>
<td></td>
<td></td>
<td>000 ft</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Give location of nearest ATD or ATA.

34. Observer's Location: Latitude 34°28'...Longitude 131°51'...

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... at 9899... 2. Colour:... Weight:...

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

General wind profile: SALM...

Maximum height tracked:... 000 ft at:...

Was it known to have burst?

37. The first significant temperature inversion was of 6.5°C at... ft, measured at... Z hrs from Richmond...

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

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

40. The cause (or likely cause) of the sighting can be determined.

41. The object reported probably was the STAR DENEBOLE

Met Conditions, RICHMOND: Surface Temp 1000Z 10C
Dew Point 1000Z 9.5C
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 similar 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)

P.W. NEUMANN FLT IT
(Rank) (Name of Investigating Officer)
Mrs N. Johnson,
46 Birdwood Avenue,
UMINA NEW 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)
Director of Public Relations
Enclosed for your records is a copy of a letter from the Department to Mrs. M. Johnson in reply to her report of an unusual aerial sighting.

Enclosed: Copy of letter to Mrs. M. Johnson
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, and WL 1627 hours, ATA WL 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.

Forwarded for your further investigation.

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

Was any method of propulsion obvious? No
**REPORT ON UNUSUAL AERIAL SIGHTING**

Part I - Report by Observer

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

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Name of observer.</td>
<td>Marie Johnson</td>
</tr>
<tr>
<td>2.</td>
<td>Address of observer.</td>
<td>46 Birdwood Ave. Umina 2257</td>
</tr>
<tr>
<td>3.</td>
<td>Occupation of observer.</td>
<td>Housewife</td>
</tr>
<tr>
<td>4.</td>
<td>Date and time of start of observation.</td>
<td>23.7.73 - 7.35pm</td>
</tr>
<tr>
<td>5.</td>
<td>How certain is the date?</td>
<td>Certain</td>
</tr>
<tr>
<td>6.</td>
<td>How accurate is the time of start?</td>
<td>Certain</td>
</tr>
<tr>
<td>7.</td>
<td>Duration of observation.</td>
<td>About 3 mins.</td>
</tr>
<tr>
<td>8.</td>
<td>How accurate is your estimate?</td>
<td>Approx. Guess</td>
</tr>
<tr>
<td>9.</td>
<td>Observer's location at time of sighting.</td>
<td>In back yard</td>
</tr>
<tr>
<td>10.</td>
<td>How familiar is observer with this locality?</td>
<td>Am. resident</td>
</tr>
<tr>
<td>11.</td>
<td>Weather conditions at time of observation.</td>
<td>Clear - No clouds</td>
</tr>
<tr>
<td>12.</td>
<td>Describe any aids/equipment used in the observation.</td>
<td>None.</td>
</tr>
<tr>
<td>13.</td>
<td>Where was object first observed:</td>
<td>Above house. Next door.</td>
</tr>
<tr>
<td></td>
<td>b. Angle of elevation.</td>
<td>45°</td>
</tr>
<tr>
<td></td>
<td>c. Compass angle bearing.</td>
<td>230°</td>
</tr>
<tr>
<td></td>
<td>d. How accurate are these estimates?</td>
<td>By compass lights</td>
</tr>
<tr>
<td>14.</td>
<td>What first attracted observer's attention?</td>
<td>Lights</td>
</tr>
<tr>
<td>15.</td>
<td>If there was more than one light/object:</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>a. How many were there?</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>b. In what formation were they?</td>
<td>See set sketch</td>
</tr>
<tr>
<td>16.</td>
<td>What was the brightness? (Compare with full moon or common light</td>
<td>Same as full moon</td>
</tr>
<tr>
<td></td>
<td>source at a stated distance, eg. ordinary street light at 100 yards)</td>
<td></td>
</tr>
<tr>
<td>17.</td>
<td>What was the apparent size at nearest approach:</td>
<td>Same as full moon</td>
</tr>
<tr>
<td></td>
<td>a. Relative to Venus or Moon.</td>
<td>Same as full moon</td>
</tr>
<tr>
<td></td>
<td>b. Relative dimensions in inches at arm's length (about 20 inches</td>
<td>20 cent. at arm's length</td>
</tr>
<tr>
<td></td>
<td>from the eyes)</td>
<td></td>
</tr>
<tr>
<td>18.</td>
<td>What were the bearing and elevation angles at nearest approach and</td>
<td>45°</td>
</tr>
<tr>
<td></td>
<td>how were these values assessed?</td>
<td></td>
</tr>
<tr>
<td>19.</td>
<td>Was any method of propulsion obvious?</td>
<td>No</td>
</tr>
</tbody>
</table>

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

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. 1.5 min.

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. 15°.
   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.)? No.

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


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? Planet.

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.

Signature: Imau Johnson Date: 3rd May '73

W - White
R - Red
20 object went behind tree seemed to stay there longer than necessary for speed of object
32. The following military aircraft were in the vicinity of the reported UFO position at the time:

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>ATA/ATA*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIRAGE</td>
<td>T</td>
<td>25,000 ft</td>
<td>600 K</td>
<td>hrs, hrs</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>ATA/ATA*</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>T</td>
<td>000 ft</td>
<td>000 K</td>
<td>hrs, hrs</td>
</tr>
</tbody>
</table>

*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.

36. A meteorological balloon was released from N/A at Z. Colour: N/A. Weight: N/A gm. Radio-sonde/radar*: Candle/battery* (**delete as required)

37. The first significant temperature inversion was of N/A °C at 006 ft at Z hrs from Z 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*/ be determined.

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

RAF Base Willingdon (Unit) A. F. Blackshaw (Name)

11 May 73 (Date) (Rank)
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. OGDEN)
Director of Public Relations
Dear Sirs,

Having more specific direction I use the above heading to report tracks seen before Easter at Korang 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. H.R. Humphreys. As I approached
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 then 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.
The lines were six inches in breadth. The impression was deeply textured but not with anything approximating a tyre tread pattern. The diameters were about 8-10 feet and each spiral loop was characterised by a clean edge, crisp commencement or ending edge and the central pressure marks. There were no footprints 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.

Cartrack scarcely depressed by "pattern" of stipple texture.

Deep marks pressure and movement indicating a sort of agitated sweeping 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,

Homa Grover
Part 2 - Unit Evaluation

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>(1)</th>
<th>(2)</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heading</td>
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</tr>
<tr>
<td>Height</td>
<td>000 ft</td>
<td>000 ft</td>
<td>000 ft</td>
</tr>
<tr>
<td>Speed</td>
<td>K</td>
<td>K</td>
<td>K</td>
</tr>
<tr>
<td>ATC/ATA*</td>
<td>hrs.</td>
<td>hrs.</td>
<td>hrs.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
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<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heading</td>
<td>T</td>
<td>T</td>
<td>T</td>
</tr>
<tr>
<td>Height</td>
<td>000 ft</td>
<td>000 ft</td>
<td>000 ft</td>
</tr>
<tr>
<td>Speed</td>
<td>K</td>
<td>K</td>
<td>K</td>
</tr>
<tr>
<td>ATC/ATA*</td>
<td>hrs.</td>
<td>hrs.</td>
<td>hrs.</td>
</tr>
</tbody>
</table>

* Give location of nearest ATD or ATA

34. Observer's Location: Latitude 34° 21.5', Longitude 143° 43.8'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.

36. A meteorological balloon was released from.......
at............Z Colour.............Weight.............gm
Radio-sonde* radar** : Candle ** battery **
General wind profile.............(Delete as required)
Maximum height tracked.............00 ft at............Z
Was it known to have burst?

37. The first significant temperature inversion was of...
at............It measured at............Z hrs from.....

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc, relevant to the sighting.
38. When an aircraft is a possible identification, include radar trace if available and ascertain which of the aircraft lights were operating.

39. 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 offer 1 month but you must think about this for a bit.

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 offer 1 month but you must think about this for a bit.

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

R.O. Gibbs Flt Off
(Name of Investigating Officer) (RANK)

** Delete as necessary
Dept. of Commanding Officer
Headquarters RAAF
Victoria Barracks
St. Kilda Rd.
Melbourne
6 May 75

SIGHTING #6

Nth Carleton, Vic. M.H. Taylor
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
Mr 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 6297 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,

(Your signature)

G.J. OIGERS
Director of Public Relations
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)

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 obstructed by houses.*
   b. Angle of elevation: **Approx. 70°**
   c. Compass angle bearing: **North west of my location (see sketch) (see sketch)**
   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 airplane.**

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.**

---

**Signature:**

**Date:** **1973-05-06**

---

**Notes:**

**Accidental**

**1973-05-06 or 1973-05-07**
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..... LARGE, SAII 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.... 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. WRITE TO SILVERY TAIL MANY TIMES THE OBJECTS LENGTH.
23. Where was object last observed:
   a. relative to your surroundings. EAST OR SOUTH OF MY POSITION (SEE Q 31)
   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? GREED INDIVIDUAL
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.
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.

---

Signature: *Signature*

Date: **9-5-1973**

(Date and signature are not visible on the image.)
OBJECT
(Yellowish light)

TAIL
(White or Silver coloured)
Part 2 - Unit Evaluation

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>(1)</th>
<th>(2)</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heading</td>
<td>T</td>
<td>T</td>
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<td>Height</td>
<td>000 ft</td>
<td>000 ft</td>
<td>000 ft</td>
</tr>
<tr>
<td>Speed</td>
<td>K</td>
<td>K</td>
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<td>hrs</td>
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33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

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</tr>
<tr>
<td>ATD/ATA*</td>
<td>hrs</td>
<td>hrs</td>
<td>hrs</td>
</tr>
</tbody>
</table>

* Give location of nearest ATD or ATA

34. Observer's Location: Latitude 37.475 Longitude 144.572

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 **

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...

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

[Remarks: No space production charts received this office since March 73.]

/39. When an
30. 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 / may have been space junk or meteorite.

..............................

..............................

H.Q.S.C.U

(Unit)

17 MAY 77

(Date)

R.O.Gibbs

(Name of Investigating Officer)

F/Off

(Rank)

** Delete as necessary
9 May 73

Sighting #5

Croydon VC

J.R. T. Emerson
It's getting dark a little since I wrote.

The "that" house, but as I've been asleep
building alterations for some time now, I am
blest, there is no misplaced gun in a time. It came tonight
again the other day when everyone was asleep.

I've written a note to the usual position. The not
are arguments, type for further through the
the interest of a memory of attachment to a map
of the area in which we live, it is clearly
drawn in a way as a change was not outside.

Sends (outside the immediate area) Summary,
our land that over the years (about 30) the
sounds here, I've been able to identify sounds
as follows. NAA etc Ambulance of the car
in manor, radio, B.B. etc the noise of guns
as the local radio are "cocked" ahead of
the manor about at the five sides it heard in
etc. Sound of trucks to as far as
as the Derbet and Cottage Bridge, 350 or
Police Car Ambulance. This has led
etc. No Railway, beer at the manor.

Level Sound (but only on a clear sky) early
night) Sounds just by the location
and definitely human high from truck
acoustic caused by Graham tree etc.

The sound we heard that night came
from directly overhead, Army 20 January 6
Once an intensity that my first receiver
was to cause much a table & from my
fingers (old soldier training) or like the
watchers, outside I can feel, follow the
electric but loads equipped to this (also
a old soldier train history for efficiently
positive circuit) until it has no longer
available.

had made a very accurate stuff at the
frequency & was able to reproduce it on a
lot at will. The only modification I had to
and was to produce a few changes by the
addition of a small capacitor to the end
of the oscillator. This to it can not handle
would make very little difference to the same
refract, but has done my to give an
accurate reproduction. The group few
one of to another was done manually. It
would have been very much more accurate if
and automatically with those large have been
and just as, but with accepting very one
the range of 3-6 Hz.

The second aspect in yourajaran was
that an amplitude has a 2 fundamental
beat & does not known change
from one tone to another. To this this.

is full of horses (oddly)

Frequencies
The case of division, however,

has

was almost without distortion!

Yours sincerely,

[Signature]

J. R. [Signature]
Mr J.R. Emerton,
18 Northcote 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,

[Signature]

(J. Okeggs)
Director of Public Relations
Dear Mr. J.R. Emerton,

18 Northcott Avenue,
CROYDON, VIC 3136

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.

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

Yours faithfully,

(G.J. ODGERS)
Director of Public Relations
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 INT1 HQSC 28/5"
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.)

JOHN ROBERT EMERTON 57

1. Name of observer

2. Address of observer

3. Occupation of observer

4. Date and time of start of observation

5. How certain is the date?

6. How accurate is the time of start?

7. Duration of observation

8. How accurate is your estimate?

9. Observer's location at time of sighting

10. How familiar is observer with this locality?

11. Weather conditions at time of observation

12. Describe any aids/equipment used in the observation

13. Where was object first observed?

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

---

[Signature]
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)

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
   \[\text{See back of Copy Sheet}\]

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
   \[\text{At a guess about 5 miles}\]

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 witnesses to the sighting?
26. 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.
9/5/73

Sitting in lounge with wife quietly talking. Suddenly we heard the noise which reduced Crescendo in about 5 secs. Both noticed that pot ran out-side. Sound kept noise gradually fading. It appeared to come from East then low over house & gradually faded to inaudible in about 20 secs after it passed over. I checked direction with compass & seems to be clocking 260°. When we came inside after a couple of minutes the electric clock in kitchen showed 10:40 a.m.

The noise was a whistle changing frequency at approx. 1 cycle/sec. The highest frequency was in vicinity of 158 Hz, the lowest frequency about 50 cycles.* I went into lab at work first thing in the morning & checked freq. with oscilloscope. It struck me then however that the sound I hear is not possible to be transonic 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 noticeable difference definitely not a harsh sound like new refrigerator.

*The freq. change was not a two 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:

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height (ft)</th>
<th>Speed (K)</th>
<th>ATD/ATA* (hrs)</th>
</tr>
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<td>(1)</td>
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<td>(3)</td>
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</tbody>
</table>

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

<table>
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<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height (ft)</th>
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<td>(3)</td>
<td>T</td>
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<td>30</td>
<td></td>
</tr>
</tbody>
</table>

* Give location of nearest ATD or ATA

34. Observer's Location: Latitude: 44.15E Longitude: 37.47S

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.

37. The first significant temperature inversion was of

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 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 7/8 on 2 track recorder. Please return tape.

H 83 CU .............................................
(Unit) .......................... 17 MAY 73
(Date)

R. O. Gibbs ..........................................
(Name of Investigating Officer) ...........................

** Delete as necessary
MEMORANDUM

TO: ADCS
ATTENTION: WIO

SUBJECT: REPORTS OF UNUSUAL AERIAL SIGHTINGS

Enclosed for your records is a copy of a letter from this Department to ADC R J Jones in reply to his report of an unusual aerial sighting.

ENCLOSURE: Copy of letter to ADC R J Jones
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: Joe Jones, Age: 35

2. Address of Observer: No. 8, Garrison St., And Phone: Sept. 26, 1976

3. Occupation of Observer: Farmer

4. Date and time of start of observation: Saturday, Nov. 1, 1976

   How certain is the date? Yes

   How accurate is the time of start? Yes

5. Duration of observation: Afternoon, 2 p.m.

   How accurate is your estimate? Fairly good

6. Observer's location at time of sighting: 82nd Ave, Htopstand

   How familiar is observer with this locality? Very

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
   (c) Compass angle bearing: Written report
   (d) How accurate are these estimates?

10. What first attracted observer's attention?
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 ... X 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.
(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. No.

27. How many witnesses 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.

30. What are your main reasons for excluding this explanation? No.

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.
Part 2 - Unit Evaluation

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>(1)</th>
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<td>ATD/ATA*</td>
<td>hrs</td>
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<td>ATD/ATA*</td>
<td>hrs</td>
<td>hrs</td>
<td>hrs</td>
</tr>
</tbody>
</table>

* Give location of nearest ATD or ATA.

34. Observer's Location: Latitude 37° 30' Longitude 52° 48'

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.


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

General wind profile [profile]

Maximum height tracked [height] ft at [location].

Was it known to have burst?

Details not known, but would like

[signature]
37. The first significant temperature inversion was of \textdegree C at \textit{surface} \textsuperscript{2} at \textit{flight}, measured at \textit{10:24} \textsuperscript{2} hrs from \textit{Brisbane} \textsuperscript{1} \textit{station}.

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc. relevant to the sighting \textit{11/12/1969} \textit{Paceo F. \textsuperscript{2} 103° E. 52° N. 18° Z.}

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\textsuperscript{2} be determined.

41. The object reported probably was/may have been\textsuperscript{2} (delete as required)

\textsuperscript{1} Satellite, meteor, etc., except first object

\textsuperscript{2} Satellites, meteorics, etc., except first object

\textit{82 \textsuperscript{1} \textit{Unit}}. \textit{R.M. \textsuperscript{1} Bacon} \textsuperscript{2} \textit{Name}

\textit{14 May 73} \textit{Date}. \textit{Sp. \textsuperscript{1} Lc} \textsuperscript{2} \textit{Rank} 
1. LAC JONES R.J., Security Guard, was on duty at the Phantom flight lines when he noted the unusual lights, first at 1825, and then at 1854.

2. Nature of Sighting. He states that at 1825 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 sharply to the east and disappeared, while the second one continued out of sight to the south. At 1854, 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 1826, 1822, 1640 and 1642 local on an outbound track of 163° 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 183°. This had an azimuth of 163°, elevation 52°, and heading 163°.

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
62 Wing Intel
At 1825 hrs. I noticed a star-like object come from a westerly direction and stop above the tree. 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 within 50 feet of the first, the two of them started moving on a westerly direction, as they did a third object coming from an easterly direction passed between them. The third object seemed to continue in a westerly direction.

I watched the first two which were still moving 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 man and point held in the fingers with the arm out stretched above the head.

At 1852 hrs. another sighting, object came as before except 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
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 PAGOS 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 Object**
d. Fourth Object - meteorite or space debris entering Earth's atmosphere.

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

(G.J. Ongers)
Director of Public Relations
2 May 73

SIGHTING 3

AMBERNICK

A.C. GIBBING
Enoced for your records, is a copy of a letter from this Department to AC D.B. Curnin, in reply to his report of an unusual aerial sighting.

Enclosure: Copy of letter to AC D.B. Curnin.
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.

(C.J. ODGERS)
Director of Public Relations
MEMO

FROM: HD ANB
TO: DEPAIR

SUBJECT: UFO REPORTS

DATE: 16 MAY 73
ATTENTION: DAFI-1R

REFERENCES

SIGNATURE

PRINTED NAME

RANK

APPOINTMENT

PHONE EXT

1. Forwarded is one copy each of UFO reports made by AC GIRVIN DBR and LAC JONES RSL, Security Guards, AMBERLEY.

Encl.: 1. UFO Report by AC GIRVIN
2. UFO Report by LAC JONES
REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

1. Name of Observer: AL... GIRVIN. D.B. .......... Age: 26
2. Address of Observer: 18. BIRRELL. ST.. KICHMAR... .. IPSWICH, QaD. 4306. ............ Phone Ext. 9648.
3. Occupation of Observer: SECURITY. GUARD....
4. Date and time of start of observation: 2. may 23, 19...22:00 hrs.
   How certain is the date? EXACT...
   How accurate is 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 FIGHT
   H.W.E., R.A.F.F: AMHERLEY...
   How familiar is observer with this locality?
5. VERY. FAMILIAR
7. Weather conditions at time of observation...
   CLEAR... MOONLIGHT...
8. Describe any aids/equipment used in the observation...
   N.O.F.
9. Where was object first observed:
   (a) Relative to your surroundings: LOOKING.. FROM PHANTOM
       FLIGHT.. H.W.E., OBJECT WAS... OVER. KICHMAR...
   (b) angle of elevation...
   (c) compass angle bearing...
   (d) how accurate are these estimates...
10. What first attracted observer's attention...
    FAST. MOVING...
    
   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, BRIGHT, LOUD**
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: SMALL SIZE**
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
   **140° (7) 20°-30° = Rough Estimation**
16. Was any method of propulsion obvious? **N.O.**
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
(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? NA

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? NA 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 Finan
Date: 9.10.78
Part 2 - Unit Evaluation

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>ATD/ATA*</th>
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33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

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</tbody>
</table>

* Give location of nearest ATD or ATA.

34. Observer's Location: Latitude 27°34' 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.

36. A meteorological balloon was released from Brisbane at 10:30. Colour: Weight: 50 gm

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

General wind profile: West

Maximum height tracked: 000 ft at. 

Was it known to have burst? Details not known as they would be irrelevant.
37. The first significant temperature inversion was of 

\[ \text{...}^\circ\text{C at...} \text{ft, measured at...} \text{ hrs from...} \text{station.} \]

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

See written report page 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 cannot be determined.

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

Airy air observer

82 Wing (Unit) R M Bennett (Name)

16 Nov 78 (Date) Sep Ldr (Rank)
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 Leichhardt, 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 had 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 26°-30°. Both lights disappeared over the fuel farm, a bearing of approx. 140°T from his position.

3. **Helicopter Activity.** The Army was flying helicopters that night, in "Kiowa" helicopters, from 2130 to 2245. The planned route was Amberley (056°T) - Brisbane - Coolangatta - Brisbane (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 1, passed at 2134 with an elevation of 49° and direction of 183°, but the azimuth 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 coincide within reason, and the position is possible. The "Kiowa" is a reasonably quiet 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.

**Signature:**

(R.H. BERTRAM)  
Sqn Ldr  
82 Wing Intell

1 JULY 73
6 APR 73

SIGHTING # 2

Christine Van
APR 02

Miss Judy Kimber
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
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. O'GERS)  
Director of Public Relations
ROYAL AUSTRALIAN AIR FORCE

HEADQUARTERS
RAAF BASE
TOWNSVILLE QLD 4810

11th May 1973

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°
elevation to 15° elevation in.

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.

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

(W.G. CANNIFFE)
Flying Officer
for Officer Commanding

Ministry for Officer Commanding

Encl08'Ul'ee: 1. Report and Evaluation Proforma
2. Photo copy of Air Almanac Sky Diagram
3. Photo copy of Planet Location Diagram

(Handwritten notes at bottom of page)

Through the telescope it was a line of lights. The sketch is how it was through the telescope.
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 Judy KIMBER
2. Address of observer: CLAREDALE
   VIA AIR
3. Age: 19
4. Occupation of observer: Clerk-Typist
5. Date and time of start of observation: 0800, 7 Apr 70
   How certain is the date? Positive
6. Duration of observation: 20 min
   How accurate is your estimate? Quite Accurate
7. Observer's location at time of sighting: Marrandah Irrigation Commission Office
   How familiar is observer with this locality? Has been in area 2 years
8. Weather conditions at time of observation: FLAT. Lt cloud cover
   extending to 15° above horizon
9. Where was object first observed?
   (a) Relative to your surroundings: WSW
   (b) Angle 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

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

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? ...40° to 15°...30,000 ft

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 observer's own written report.

23. Where was object last observed?
   (a) relative to your surroundings ...NWW
   (b) angle of elevation ...15°
What was the manner of its disappearance?

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

No.

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

Witnesses more familiar with use of theodolite.

How many witnesses to the sighting?

13, people, saw phenomenon.

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

Unable.

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

Unable to answer.

What are your main reasons for excluding this explanation?

N/A.

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

- A/C type: N/A
- Heading: T
- Height: 000ft
- Speed: K
- ATD/ATA: hrs

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

- A/C type: N/A
- Heading: T
- Height: 000ft
- Speed: K
- ATD/ATA: 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.

36. A meteorological balloon was released from...

- Colour: Z
- 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? No

© OIC Met contacted. Advised that no balloons from Tvl or Mackay would tie in with sighting.

/37.

[Handwritten note: Through the cardboard it was a line of lights. The sketch is how it was through the cardboard]
The first significant temperature inversion was of N/A °C at .......... ft, measured at .......... hrs from .............. station.

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

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

The cause (or likely cause of the sighting cannot be determined.

The object reported probably was* may have been* (Delete as required)

--------------------------------------

HQVL

1 MAY 73

V.G. CANNIFFE

Navigating Officer

A/L28
ASI 3/A/5
Annex A
1 Apr 70

RESTRICTED
3/0 Kannijie
H/Q R.A.A.F. Base
Tanjilbee 1430.

In sighting from Eulandale - 6th April, 1973.

At approximately 8 a.m. on 6th April, Mr. I. Roper, a Water Officer, reported that a spot had been seen from the new pump station site on the Bundaberg River, three quarters of a mile from the Clare I.W.S. Office. I went home to get a pair of binoculars and last sight of the spot I did not see it until I got back to the Office. I heard it up with the Workshop roof, some 50 yards from the Office. It was 60° from the horizon in a E.S.W. direction & seemed to be moving in the same direction as its own orbit.

It has been approximated at 30,000 feet high and 200 feet long.

Three people sighted it through both the Thodlite and binoculars during the 10 minutes it was in sight. I saw it last about 15° from the horizon. The weather conditions were exceptional with a light cloud pass extending to about 15° above the horizon. I lost it when it reached this cloud pass.

Through the binoculars, it seemed to be as follows.

It was shining as a silver colour. Through the Thodlite, it was a line of lights. The sketch is how it was through the Thodlite.
The gold circle was around the last 3 sections and was a haze. It could have been a reflection from the sun or a balloon.

Three men, one being the policeman S/Lt. M. Henry, of Clare Police Station, saw a blue and red colouring on the lights, the red going into a gold towards the end.

All spots were very shining.

The x is at the bottom of the back steps of the Office where the theodolite was set up. We laid it up in a line from the end of the roof of the office.

I hope this will be of some help to you. Please ring if you have any more queries.

Yours faithfully,

Jude Kimter.
SIGHTING #1

Wind: East

YIC

Date: 22 APR 73

Maker: P. Baker

Vic.
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
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,

(G.J. ODGERS)
Director of Public Relations
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
REPORT OF UNUSUAL ANIMAL 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, B.P.
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 HOUR.
   How accurate is your estimate?: REASONABLE ± 30 SECONDS.
   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.E.
9. Where was object first observed?: N.E. at about 80-100 ft. above the ground.
   a. Relative to your surroundings: N.E.
   b. Angle of elevation: N.E.
   c. Compass angle bearing: N.E.
   d. How accurate are these estimates?: REASONABLE.
10. What first attracted observer's attention?: ITS 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?: BLY. GREY.
Peter, Lorraine and Michael:

We were walking North along a fence on 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 drench, 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. F. Bott

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. F. Bott
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) .... DULL

14. What was the apparent size at nearest approach?
   a. relative to Venus or Moon: \( \text{DIAMETER} = 30 \text{ ft} \)
   b. relative dimensions in inches at arm's length (about 20 inches from the eye)

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
   EAST \( \text{A.T.} \approx 50^\circ \text{ABOVE} \text{HORIZONTAL} \)

16. Was any method of propulsion obvious? \( \text{N.O.} \)

17. Describe any sound heard, including changes in pitch and intensity
   \( \text{NO \ Sound} \)

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: \( \text{MAXIMUM} \approx \), \( 4 \text{ M.P.H.} \), \( \text{MINIMUM} \approx 1 \text{ M.P.H.} \), \( \text{DISAPPEARED...INSTANTLY} \)

20. Give duration of any stationary phases: \( \text{N.I.C.} \)

21. Describe any deviations or manoeuvres: \( \text{APPROACH\ N.W.\ DEPART \ S.} \)

22. Describe any trail of exhaust, vapour or light seen: \( \text{FLASHING AMBER LIGHTS ON...TAP...PERIMETER.} \)

23. Where was object last observed:
   a. relative to your surroundings: \( \text{S...at \approx \text{50 ft}} \)
   b. angle of elevation: \( \approx 45^\circ \)
   c. compass angle bearing: \( \approx \)

24. What was the manner of its disappearance? \( \text{INSTANT} \)

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc)? \( \text{N.I.C.} \)

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity: \( \text{Questioning from...teacher...using familiar distances and heights} \)

27. How many witnesses to the sighting? \( \text{THREE + SELF} \)

\( \text{UNCLASSIFIED} \)
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: Peter Baker

Date: 30th April, 1973
32. The following military aircraft were in the vicinity of the reported UFO position at the time:

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>ATD/ATA*</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td></td>
<td>000 ft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td></td>
<td>000 ft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3)</td>
<td></td>
<td>000 ft</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>A/C type</th>
<th>Heading</th>
<th>Height</th>
<th>Speed</th>
<th>ATD/ATA*</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td></td>
<td>000 ft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td></td>
<td>000 ft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3)</td>
<td></td>
<td>000 ft</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Give location of nearest ATD or ATA.

34. Observer's Location: Latitude 37°49'30" North, Longitude 145°27' East

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 1500 hrs. Colour: Blue. Weight: 20 lbs.

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

General wind profile: Not considered due distance from LAVERTON

Maximum height tracked: 000 ft at...

Was it known to have burst?

37. The first significant temperature inversion was of N11 °C at...

... ft, measured at... 2 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 of available, and ascertain which of the aircraft lights were operating.

40. The cause/likely cause of the fighting cannot be determined.

41. The object reported etc. (N/A)

Unidentified.
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 teacher, 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 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.
REGISTRY CLASSIFICATION PARTICULARS

CLASSIFIED

Original/Copy
Duplicate Copy Made 17 MAY 1973
Date opened

REGISTRATION

Security Classification

Title Reports on Flying Saucers and Other Aerial Objects

Registration Number 380-1-1 PT 23 (new part)

Mark to DAT

Cross Reference this File with File(s) PT 22

SUBJECT INDEX

Postng

NAME INDEX

Heading

Alter File No on Logging Card for

Letter dated Reference No