PROJECT 10073 RECORD 1. DATE - TIME GROUP . LOCATION #.15N 132.57W (Pacific) 2 August 49 03/0130Z 10. CONCLUSION . SOURCE Other (CLOUD/CONTRAIL) Military . NUMBER OF OBJECTS 023 S. LENGTH OF OBSERVATION 11. BRIEF SUMMARY AND ANALYSIS Observers sighted what appeared to be an unusual cloud formation 15 Minutes The formation was made up of streaks which appeared to be clouds. L TYPE OF OBSERVATION The streaks were white in color and were about 75 miles distance from the observers. No sound was heard and the observers did not Air-Visual see the streaks form. Photographs of the streaks were taken at . COURSE the time of the sighting. N/A . PHOTOS 2400 O No . PHYSICAL EVIDENCE O Yes 500

FORM

FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

FILE NO. 21 September 1949 HEADQUARTERS UNITED STATES AIR FORCE 24-21 THE INSPECTOR GENERAL -REPORT MADE BY OFFICE OF SPECIAL INVESTIGATIONS S/A JOSEPH W. CAGLE REPORT OF INVESTIGATION REPORT MADE AT TITLE DO #19, Fairfield-Suisun AFB, Calif. UNKNOWN SUBJECT UNUSUAL AERIAL PHENOMENA PERIOD - 27 August 1949 - 12 September 1949 Near Position No. 6(4415NX1325W) OFFICE OF ORIGIN Fairfield-Suisun AFB, California DO #19. Fairfield-Suisun AFB, Calif. "Project Sign" STATUS - PENDING CHARACTER

SPECIAL INQUIR

REFERENCE

None. This is an initial report.

SYNOPSIS

CULANDA MAN 10 TIME

This investigation was requested by Colonel JOHN G. SWOPE, District Commander, DO #19, OSI, Fairfield-Suisum AFB, California, on 12 August 1949, upon receipt of Intelligence Report from 374th Recommaissance Squadron (VLR) Weather, Fairfield-Suisun AFB, California, dated 5 August 1949 which reported the sighting of an unusual aerial phenomena on 2 August 1949 by three (3) crew members of the 'Lark Dog' weather mission while on a scheduled weather flight at approximately position number six (6) 44 degrees 15 minutes North and 132 degrees 57 Mimites West. Photographs were taken at the time of sighting by the Aircraft Commander 1st Lt., GLENN D. MULL A0-936481. Interviews with the three (3) crew members observing the unusual phenomena revealed no identifying information. Information received from the Commander Air Force Pacific Fleet revealed that no Maval Air Operations were conducted in the area 45°15'N X 137°57'W on 2 August 1949.

> PUNCEADED AT S YEAR INTERVALS: DELLARSTER 12 TEARS. DOD 188 5000,10

ACTION COPY FORWARDED TO FILE STAMP DISTRIBUTION Commanding General DO #5 (Action Copies) Air Materiel Command - (Incl) Wright-Patterson Air Force Base Dayton, Chio Hq OSI (Incl) ATTN: MCIAXO-3 CG F-S AFB (Info) (Incl) APPROVED Tile -UNCLASSIFIED Colonel, USAF DISTRICT COMMANDER KANT SERVICE STREET

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(Cont'd) DETAILS:

> Aircraft Commander Pilot, Navigator: Engineer: Radio Operator: Radar Observer: Scamer:

1st Lt GLEN D. MULL Ist Lt WESTLY HAMILTON Navigator: lst Lt JOHN MATT
Weather Observer: lst Lt PHILTP G. KEMP T/Sgt CHRISTIAN E. BRUBAKER Radio Operator: S/Sgt ELTON GRATHWOHL S/Sgt LEONARD FEIDMAN T/Sgt CHESTOR ARMOLD S/Sgt VICTOR POULIN

On 27 August 1949, 1st Lt JOHN MATT, AO-716496, Navigator, 374th Recon Sq. (VI.R) Weather, Fairfield Suisun AFB, California, was interviewed and stated in substance: On 2 August 1949 while on the "Lark Dog" weather mission out of Fairfield-Suisun AFB, California, at approximately position number six (6) 44 degrees 15 minutes North and 132 degrees and 57 minutes West at 1729 hours he observed an unusual formation of what appeared to be either contrails or clouds at a clock position of 10 o'clock high. When the formation was first sighted, segments of a cloud-like trail were observed coming out of the clouds which formed an undercast of approximately five tenths (5/10) cloud coverage at fifteen hundred (1500) feet. MATT stated that after first observing the formation he had disregarded it but after additional segments of the cloud-like streaks had been formed and had joined together with the first segments, he notified the aircraft commander of the phenomena. The streaks appeared to have been formed out of the tops of clouds forming an undercast at approximately 1500 feet, and ascended at an angle of approximately 35 degrees to an altitude of approximately fifteen thousand (15,000) feet and continued at an angle of approximately 17 degrees to the horizon to approximately seventeen thousand (17,000) feet. The aircraft of "Lark Dog" mission was turned off course and photographs were taken by the sircraft commander. MITT advised that in his opinion the head of the formation was bearing towards the western coast of the United States which was approximately four hundred (400) miles distant. MATT further advised that in his opinion if the aircraft of "Lark Dog" mission had assumed the track of the cloudlike formation, the approximate landfall would have been Bureka, California. MATT stated that the remainder of the crew were back in the waist and were not notified of the formation and that during the period of observation the cloud did not disappear through evaporation but was lost to sight after "Lark Dog" mission continued on the scheduled flight. MATT further stated that there was approximately 1/10th to 2/10ths scattered cloud coverage above fifteen hundred (1500) feet. MATT stated that estimates concerning the altitude, and distance from observation, of the unusual formation were difficult to make because there were no known objects for

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DETAILS: (Cont'd)

comparison. MATT further stated that no object was observed either in the air, nor on the sea.

- 4. On 12 September 1949, 1st Lt FHILIP G. KEMP, AD-936481, Weather Observer, 374th Recon Sq. (VLR) Weather, Fairfield-Suisun AFR, California, was interviewed and stated in substance: On Tuesday 2 August 1949, at approximately 1730 hours his attention was directed, by the Navigator, to an unusual formation which appeared at 10 o'clock high, in relation to the track of flight of the "Lark Dog" mission aircraft. KEMP further stated that the formation appeared to have formed out of the tops of the clouds forming an undercast at approximately fifteen hundred (1500) feet and ascended to an altitude of approximately seventeen thousand (17,000) feet. KEMP stated that the formation appeared unusual inasmuch as the cloud coverage at fifteen hundred (1500) feet was approximately eight tenths (3/10s) cirrus clouds and the cloud-like formation observed was almost perpendicular to the line of the undercast clouds. KEMP advised that in his opinion the formation could have been caused by a jet type aircraft although contrails at that altitude were improbable. No type of aircraft was observed and no unusual sounds were heard. KIIP stated that he could not estimate the speed at which the streaks had been formed. KEMP further advised that only three (3) of the crew members observed the unusual formation and that the aircraft of "Lark Dog" mission did not attempt to assume the track of the formation because the pilot did. not consider it important enough to turn off the scheduled course. KEMP stated that he did not notice any unusual noises on radio reception and that no object was nicked up by the radar equipment of the "Lark" Dog" mission sircraft, which was in operation at the time of sighting. KEMF further stated that the formation was approximately four hundred (400) miles off the coast of Dureke, California, and was in sight for approximately fifteen (15) minutes until the course of flight of the "Lark Dog" mission lost it to view.
- 5. Weather charts maintained at the Base Weather Station, Fairfield-Suisun AFB, Colifornia, list the following weather conditions for the area 44 degrees 15 minutes N 132 degrees 57 minutes West at 1640 hours 2 August 1949.

Oclusion approximately 300 nautical miles West Morthwest.
High pressure ridge approximately 200 nautical miles
southeast:

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DETAILS:

1. This investigation was requested by Colonel JOHN G. SMOPE, District Commander, DO #19, Fairfield-Suisun AFB, California, and predicated upon receipt of an Intelligence Report from the 374th Reconnaissance Squadron (VLR) Weather, Fairfield-Suisun AFB, California, dated 5 August 1949, reporting the sighting of an unusual aerial phenomenum at 1729 hours, 2 August 1949, by 1st Lt CLEN D. MULL, AO-936481, 1st Lt JOHN MATT AO-716496 and 1st Lt PHILIP G. KEMP, AO-748010, all crew members of the "Lark Dog" weather mission, while on a scheduled weather flight at approximately position number six (6) 44 degrees 15 minutes North and 132 degrees 57 minutes West.

AT FAIRFTEID-SUISUN AFB, CALIFORNIA

On 27 August 1949 1st Lt CLEN D. MULL A0-936481, Aircraft Commander, 374th Recon Sq (VLR) Weather, Fairfield-Suisun AFB, California, was interviewed and stated in substance: On Tuesday 2 August 1949 "Lark Dog" weather mission took off from Fairfield-Suisun AFB, California at 1330 hours Pacific Standard Time. At 1729 hours while flying at the prescribed course and altitude, a true heading of 300 degrees at fifteen bundred (1500) feet, and near position number six (6) 44 degrees 15 minutes North and 132 degrees 57 minutes West his attention was directed by the Navigator, 1st Lt JOHN MATT, to what appeared to be an unusual cloud formation. The formation was made up of streaks which appeared to be clouds. The streaks appeared to have originated in some low clouds at fifteen hundred (1500) feet and ascended at a shallow ample, approximately 37 degrees to the horizon, to about fifteen thousand (15,000) feet and then continued at an angle of approximately 17-1/2 degrees to an altitude of approximately seventeen thousand (17,000) feet. The formation, white in color, was approximately seventy-five (75) miles distant from the point of observation. No unusual sounds were heard and MULL stated that he did not see the streaks form and that he could not estimate the speed of formation. MULL further stated that his first impression of the unusual formation was that it might have been a contrail, possibly formed by an unseen object. After the second segment had been formed and the two had joined into a continuous streak MULL turned his aircraft off course and took a photograph with a K-20 Aerial Camera. The photograph is attached as inclosure to this report. No object of any type was sighted during the period of observation, approximately 15 minutes, and the formation was lost to view after the "Lark Dog" mission returned to course and continued on the scheduled flight. MULL advised that three members of the crew observed the unusual aerial phenomenum. Crew members participation in the "Lark Dog" weather mission of 2 August 1949 Were:

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DETAILS:

Sky Conditions

4/10ths Cirrus louds --- Base at 25,000 feet 8/10ths Strata Cumulus Clouds --- Base 1500 feet Tops 3000 feet

Visibility ---- Unrestricted

Winds Aloft

10,000 feet 220 degrees at 20 Knots 18,000 feet 220 degrees at 24 Knots

On 1 September 1949, information was received from the Commander, Air Force Pacific Fleet that no Naval Air Operations were conducted in the area 45 degrees 15 minutes North and 137 degrees 57 minutes West on 2 August 1949.

PEND ING

INCLOSURES

For District Office #5, Wright-Patterson AFB, Dayton, Ohio

1. One photograph, unusual aerial phenomena.

For Headquarters, Office of Special Investigations, Tashington, I.C.

2. One photograph, unusual aerial phenomena.

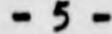
For Commanding General, Air Materiel Command, Wright-Patterson AFB, Dayton, Chio

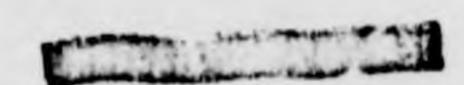
3. One photograph, unusual aerial phenomena.

For Commanding General, Fairfield-Suisun AFB, California

4. One photograph, unusual aerial phenomena.

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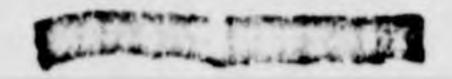
UNDEVELOPED LEADS

DISTRICT OFFICE No. 19. FAIRFIELD-SUISUN AFB. CALIFORNIA

AT SAN FRANCISCO, CALIFORNIA

- a. Will contact the Civil Aeronautics Authority, San Francisco, for schedule of all flights in the area 44 degrees 15 minutes North 132 degrees 57 minutes West on 2 August 1949 at 1730 hours.
- b. Will contact the Intelligence Division 6th Army Area Headquarters, The Presidio of San Francisco, California, to ascertain if any testing devices or missiles were released in the area 44 degrees 15 minutes North 132 degrees 57 minutes est on 2 August 1949 at 1730 hours.
- c. Will contact the Intelligence Division, 6th Army Area, Headquarters, The Presidio of San Francisco, California, to ascertain if any Radar (ground) contacts were made with unidentified objects in the area 44 degrees 15 minutes North and 132 degrees 57 minutes West on 2 August 1949 at 1730 hours.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE

WASHINGTON

5D-OSI/JEM/vz

THE INSPECTOR GENERAL. USAF
STH DISTRICT OFFICE OF SPECIAL INVESTIGATIONS
WRIGHT-PATTERSON AIR FORCE BASE, DAYTON, OHIO

4 October 1949

IN REPLY REFER TO: 5D 24-21

SUBJECT: PROJECT GRUDGE SPECIAL INQUIRY

TO:

Commanding General
Air Materiel Command

Wright-Patterson Air Force Base

Dayton, Ohio ATTN: MCIAXS

- 1. Inclosed for your information and necessary action is report of investigation of Special Agent JOSEPH W. CAGLE, DO #19, dated 21 September 1949.
- 2. Investigation is continuing and your office will be forwarded reports of investigation as received in this office.

1 Incl Rpt dtd 21 Sep 49 (trip) D. M. LYNCH Major, USAF Acting District Commander

DECLASSIFIED AFTER 12 YEARS.

DOD DIR 5200.10

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