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TDEW

Request for Lunar Module Information 19 May 64

Aerospertronics Division
Philco Corporation
Newport Beach, California

1. Request any unclassified information relative to the present status of lunar module projects conducted by your corporation. Information should be forwarded to Captain Hector Quintanilla, FTD (TDEW/UFO), Wright-Patterson AFB, Ohio 45433.

2. We have a particular interest in the Manned Mars Excursion Module (MEM).

FOR THE COMMANDER

ERIC T de JONCKHEERE
Colonel, USAF
Deputy for Technology
and Subsystems

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TDEW

Request for Lunar Module Information 19 May 64

Lockheed Aircraft Co
Burbank, California

1. Request any information relative to the present status of lunar module projects conducted by your corporation. Information should be forwarded to Captain Hector Quintanilla, FTD (TDEW/UFO), Wright-Patterson AFB, Ohio 45433.

2. We have a particular interest in the Manned Planetary Systems/Lunar Ferry.

FOR THE COMMANDER

ERIC T. de JONCKHEERE
Colonel, USAF
Deputy for Technology
and Subsystems

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TDEW

Request for Lunar Module Information 19 May 64

North American Aviation Inc
Downey, California

1. Request any information relative to the present status of lunar module projects conducted by your corporation. Information should be forwarded to Captain Hector Quintanilla, FTD (TDEW/UFO), Wright-Patterson AFB, Ohio 45433.

2. We have a particular interest in the Manned Mars Landing Study.

FOR THE COMMANDER

ERIC T de JONCKHEERE
Colonel, USAF
Deputy for Technology
and Subsystems

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TDEW

Request for Lunar Module Information 20 May 64

McDonnel Aircraft
Project Gemini
Lambert Field
St Louis, Missouri

1. Our office is interested in lunar module type spacecraft having landing gear experience. Normally these projects are supervised by NASA.

2. It is our understanding that your corporation has some capability on the spacecraft landing but no specific system is being developed. We would appreciate any information which you may have at your disposal. This information may be sent to Captain Hector Quintanilla, FTD (TDEW/UFO, Wright-Patterson AFB, Ohio 45433.

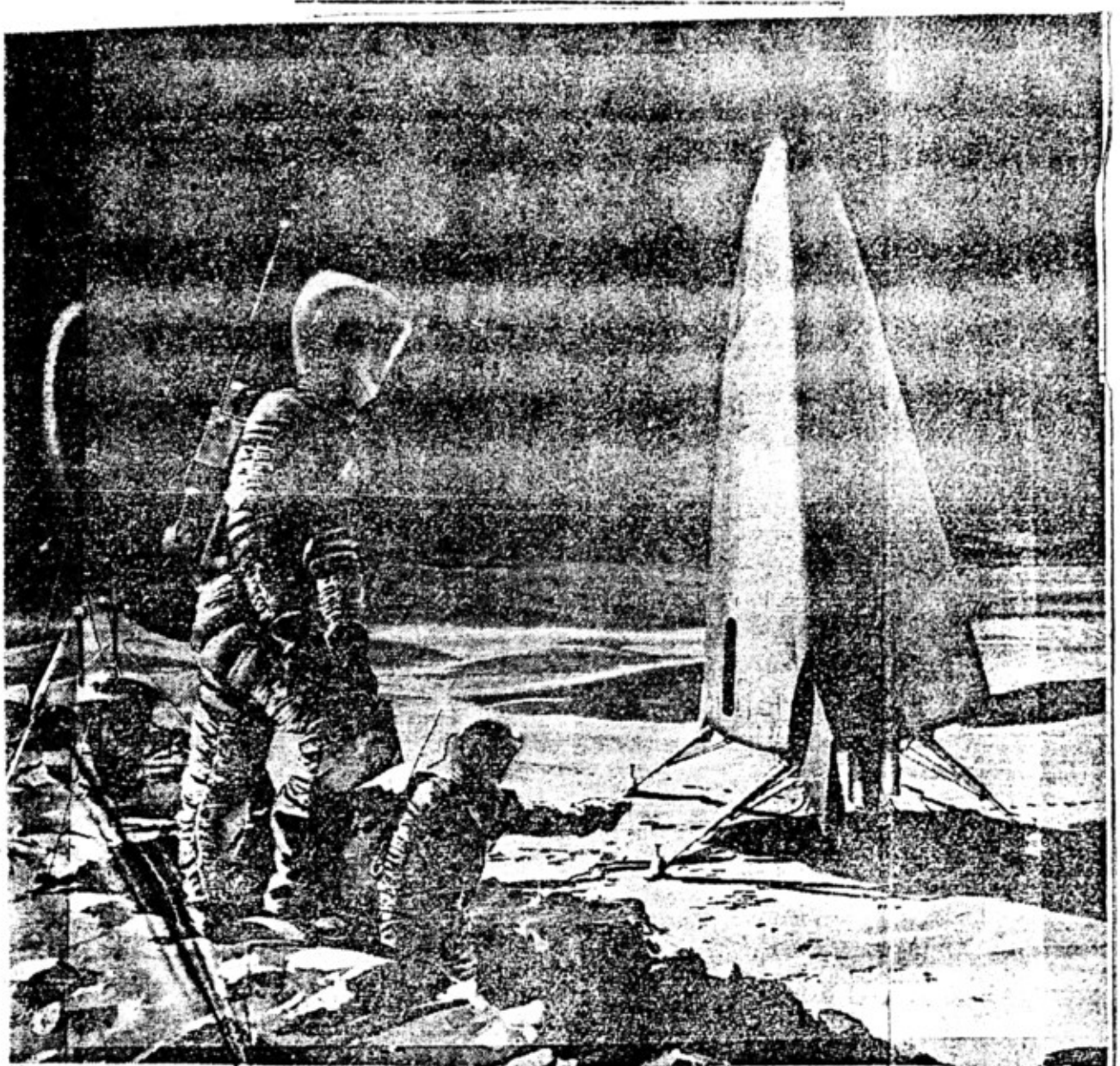
FOR THE COMMANDER

ERIC T de JONCKHEERE
Colonel, USAF
Deputy for Technology
and Subsystems

OFFICIAL FILE COPY

Los Angeles Times
Orange County

OFFICE—1134 E. 17th St., Santa Ana
TELEPHONES
News, Classified and Display Adv.—Kimberly 7-5941
CLASSIFIED ONLY:
Cor. del Mar, 3516 E. Cst. Hy., OR. 5-0257



LANDING ON MARS — Leaving scientific equipment behind, explorers in this artist's drawing launch their craft to return to an orbiting mother ship which is stationed above Mars' atmosphere. The journey by a U.S. space team could be made by 1975, according to Dr. Franklin P. Nixon, Mars Excursion Module program director at Newport's Aeronutronic Division of the Philco Corp.

U.S. Space Team Could Blast Off for Mars in 1975, Scientist Says

BY MILT BROUHARD
Times Staff Writer

ANAHEIM—A three-man U.S. space team could be successfully landed on Mars to conduct surface explorations in 1983, according to one man connected with the program.

The target date could be advanced several years — perhaps as early as 1975—if federal government officials would give the program the go-ahead at this time, he contends.

"It would take about nine years to test and assemble the hardware and about six years to train the astronauts who would make the landing," says Dr. Franklin P. Dixon, Mars Excursion Module program director at Newport's Aeronutronic Division of the Philco Corp.

Moon Probe First

He said that current NASA projects linked with a — hopefully — successful astronaut moon landing will provide most of the necessary information and equipment needed to land men on Mars and return them safely.

Dr. Dixon revealed this information and designs for the space vehicle to be used at Tuesday evening's meeting of the Orange County Chapter of the American Institute of Aeronautics and Astronautics at Disneyland Hotel here.

His discliosure was based on the final work Aeronutronic submitted to NASA's Manned Spacecraft Center in Houston. The report requested by NASA was conducted to check the practicality of such a space attempt.

haven't the financial capability to attempt a similar project unless they completely trample the material needs of their exploding population," he said.

The landing team would be composed of the pilot, an astronaut, who would be trained to act as a scientific assistant once the 40-day exploration on Mars actually got underway; a scientific person trained in geology, physiology and meteorology, and a third member who would be oriented to biology and bio-physics.

Modified Boosters

Beween five and ten current or modified Saturn-C boosters would launch the attempt by lifting all equipment needed for an initial earth-orbiting way station.

Once the way station was in operation, a nuclear-powered spacecraft would be launched from it towards Mars. This mothership would have a four to six-

for the 390-440 days it is expected to make the round trip.

The mother-ship would establish a Martian orbit and send out the actual landing craft towards a pre-designated landing area. This flight would last about one hour.

Craft Described

The explorer's small draft would be able to change direction once inside Mars' atmosphere to make corrections from the prime launch pattern. It would be a tail-first landing with the craft in position for blast-off when the return to the orbiting mother-ship is to be made.

Most of the equipment in the landing craft would be expendable once it has served its scientific purposes, Dr. Dixon said.

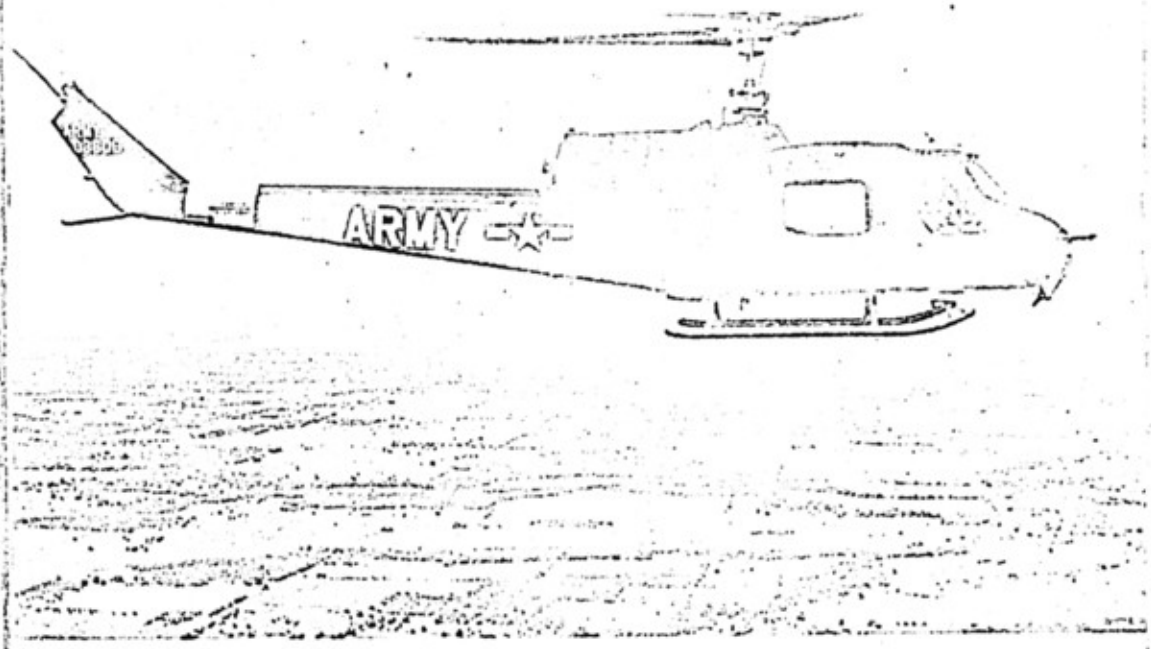
Ideally, the men would be landed in the springtime near Mars' north polar ice cap so they could investigate "dark areas" which he said may be some form of life lapping up the water created by the melting thin ice cap.

He said the only additional work needed beyond current space studies would be the final development of a current nuclear engine to propel the landing vehicle's mother ship from an earth orbiting space station and better knowledge of Mars' atmospheric conditions.

Need Government Backing

"The major hurdle is actually to have the government want to make the venture," Dr. Dixon said. He hopes that the possibilities of greater scientific knowledge and the political advantage of outstripping Russian space efforts will provide the leverage to get approval for the program.

"The Russians at this time



UH-1B

PURPOSE Utility Tactical Hel.
COMMON NAME Iroquois

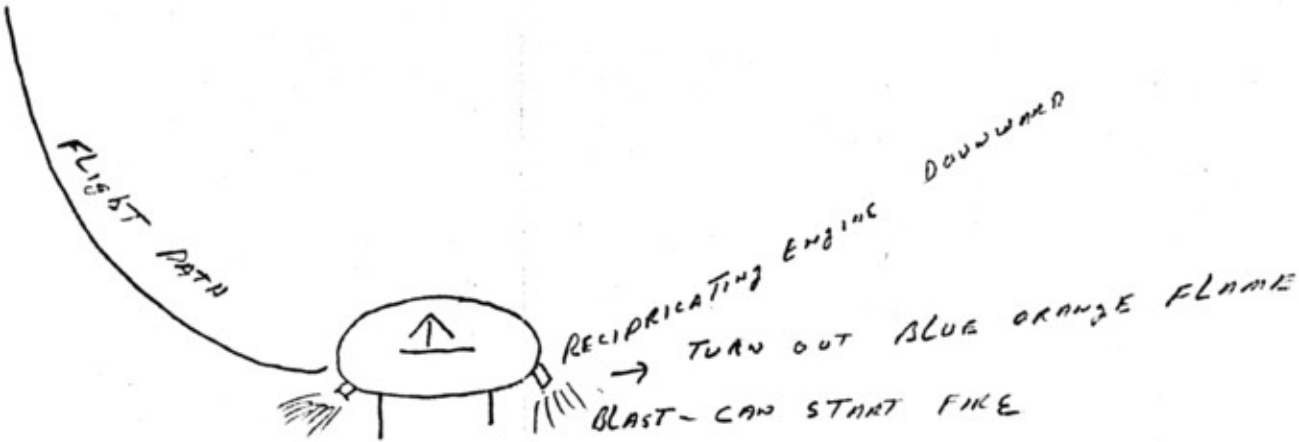
AIRFRAME
- Manufacturer: Bell
- Personnel: Pilot-8 troops, or Pilot and attendant and 3 litters
- External Cargo: 4,000 lbs

ENGINE
- Manufacturer: Lycoming
- Model Designation: T-53-L-11
- Take-Off Horsepower: 1,100
- Description: Gas turbine, free shaft

ROTOR
2-Blade, 44' diameter Bell Metal Interchangeable (Main); 2-Blade, 8'5" diameter Bell Metal Interchangeable (Tail).

PERFORMANCE
- Range: 235 nautical miles
- Hovering Ceiling: 16,800 feet
- Max. Operating Wt.: 8,500 lbs
- Max. Cruising Speed: 113 knots

REMARKS
The UH-1Bs are being used extensively in combat in Vietnam. Armed with rockets and machine guns, UH-1Bs provide close fire support for Allied field troops. These ships also fly armed tactical escort missions for other heavier, less maneuverable troop-carrying aircraft.



SIMILAR H-19 - MEDICAL VERSION

W/RECIPRICATING ENGINE

VISTOL =

Bell Aero System = Lunar Landing Research Vechicle For NSA

Hydrogen Peroxide = Blue with Orange point.

24 Apr 68

PUBLISHERS

OPOLITAN MARKET

Established 1836

The Telegraph-Herald

DUBUQUE, IOWA

DIAL 58 3-6421

May 29, 1968

Dr. J. Allen Hynek
Department of Astronomy
Northwestern University
Evanston, Illinois 60201

Dear Dr. Hynek:

Your letter of 30 April, requesting information about individuals referred to in the letter who might have witnessed the sighting of unidentified flying objects on April 24, 1964, was forwarded to my attention.

After considerable searching of the newspaper files during the period in question, I have come up with some helpful information.

The Telegraph-Herald carried a page one story on April 29, 1964 covering the details of the sighting. Two persons from Dubuque were listed in the story as having seen the object in question. The story lists:

Paul Kies, 650 Sunset Ridge, Dubuque, Iowa
and
Larry Kratzer, 1504 Henion, Dubuque, Iowa (now of 751 Kane Street)

I hope this information will be of value to you in your search for a solution to puzzling phenomenon of unidentified flying objects and trust that the information will be used with discretion.

Sincerely,

Richard C. Dempsey
Director of Public Relations

RCD:sle

RECEIVED
JUN 3 1968
ASTRONOMY DEPARTMENT
NORTHWESTERN UNIVERSITY

1-3

30 April 1968

Editor
Telegraph Herald News
Dubuque, Iowa

Dear Sir:

In my capacity as Scientific Consultant to the Air Forces' Project Blue Book I am trying to get more details on the April 24, 1964 sighting at Socorro, New Mexico, made by Lt. Zamora.

I would very much appreciate your help in obtaining the name and address of the individual referred to in the enclosed copy of Mr. Bieberman's letter who might also have witnessed this sighting.

I wish to assure you that my interest in this matter is entirely professional and under no circumstances do I use this material for publicity purposes or for any other reason than to try to solve this puzzling phenomenon of unidentified flying objects.

Sincerely yours,

J. Allen Hynek
Director

JAH:lp
encl.

COPY

26 April 1968

Dr. J. Allen Hynek, Chairman
Astronomy Department
Northwestern University
Evanston, Illinois

Dear Dr. Hynek

I may have a lead on the person you are looking for. Within a week or two after Zamora's sighting on April 24, 1964, my mother sent me a clipping from Dubuque who saw the saucer in Socorro. The clipping was from the Telegraph Herald, Dubuque's newspaper, and included a picture of the individual. As I recall, the man was driving into Socorro at the time. Unfortunately, I no longer have the clipping. However, I am sure that the name and address of the individual could be obtained from the Telegraph Herald in Dubuque.

Very truly yours,

(signed)

Robert A. Bieberman
601 Fitch Avenue
Socorro, New Mexico 87801

105

April 26, 1968

Dr. J. Allen Hynek, Chairman
Astronomy Department
Northwestern University
Evanston, Illinois

Dear Dr. Hynek:

I may have a lead on the person you are looking for. Within a week or two after Zamora's sighting on April 24, 1964, my mother sent me a clipping from Dubuque, Iowa which told of a person from Dubuque who saw the saucer in Socorro. The clipping was from The Telegraph Herald, Dubuque's newspaper, and included a picture of the individual. As I recall, the man was driving into Socorro at the time. Unfortunately, I no longer have the clipping. However, I am sure that the name and address of the individual could be obtained from the Telegraph Herald in Dubuque.

Very truly yours,
Robert A. Bieberman
601 Fitch Ave.

105

The Albuquerque Tribune

Four Years Old

$100 Reward Offered In Saucer Mystery

SOCORRO (AP) — The mystery of a reported unidentified flying object four years ago south of Socorro on an isolated hill remains unsolved.

And to help find clues to help solve the problem, Dr. J. Allen Hynek, chairman of the astronomy department at Northwestern University, in $100 reward to help locate a motorist who reported seeing the object.

On April 24, 1964, Socorro Policeman Lonnie Zamora saw what he described as a four-legged, egg-shaped object with at least two persons aboard.

At least one other person, an unidentified tourist traveling north on old U.S. 85, was quoted as saying he saw the UFO just before it landed in the area. Opal Grinder, who was manager of a Socorro service station at that time, reported the tourist, a man, remarked that aircraft flew low in the Socorro area.

Grinder said there were several helicopters in the area. He quoted the tourist as replying that it was a "funny-looking helicopter if that is what it was." Grinder quoted the man as saying the object flew directly over his car.

Grinder, unaware of Zamora's sighting, said he attached no importance to the report then.

Dr. Hynek told the Las Cruces Sun-News that in an effort to establish the Socorro sighting, he authorized the $100 reward, which will go to persons knowing the whereabouts of the motorist. Dr. Hynek, who is a consultant to the Air Force on UFO sightings, said persons who would know the motorist should contact Dr. Hynek at Northwestern University.

THIS PAGE IS UNCLASSIFIED

APRIL 1964 SIGHTINGS

DAY	LOCATION	OBSERVER	EVALUATION
	Plattsburg, New York	Military	Satellite (ECHO II)
	45.50N 173.00W (Pacific)	Military Air	Satellite (ECHO II)
	Lakeview, South Carolina	Scott	Aircraft
	Montic llo, Wisconsin	Gold, Nossing	UNIDENTIFIED
	Baltimore, Maryland	Marshall	Other (Psychological Causes)
	Arizona, N Mexico, Texas	Civilian & Military	Astro (Meteor)
	Colorado, N Mexico, Wyoming	Civilian & Military	Astro (Meteor)
	Oak Lawn, Illinois	Manday	Insufficient Data
	35.50N 171.00E (Pacific)	Civilian Air	Insufficient Data
	Ardmore, Oklahoma	Rollins	Insufficient Data
)	Merced, California	Military Air	Balloon
)	Not Reported		Insufficient Data
)	44.20N 48.00W (Atlantic)	Military Air	Balloon
1	Homer, New York	Ochsner	UNIDENTIFIED
2	Baltimore, Maryland	Firey	Satellite (ECHO II)
3	Provo, Utah	Corchnoy	Satellite (ECHO II)
5	36.10N 174.00W (Pacific)	Military Air	Satellite (ECHO I)
7	Fallon AFS, Nevada	Military (CND RADAR)	Other (Radar Inversion)
7	Norfolk, Virginia	Civilian Air	Insufficient Data
8	Manassas, Virginia	Collins	Other (Pos Research Acty)
9	Dayton, Ohio	Wiedman	Other (Searchlight)
9-25	Terry, Montana	Aquilar, Falais	Insufficient Data
)	Big Bend Natl Park, Texas	Olsen	Satellite (ECHO II)
1	Greenland	Military Air	Other (Satellite)
2	Mosinee, Wisconsin	Marquardt	Satellite
2	Astoria, Oregon	Civilian	Astro (Venus)
4	Socorro, New Mexico (FOLDER)	Zamora (PHYSICAL SPEC)	UNIDENTIFIED
5	North Platte, Nebraska	Birk	Astro (Meteor)
5	Socorro, New Mexico	Civilian	Other (Ground Light)
5	Grants, New Mexico	Woodruff (PHOTOS)	A/C (Night Photo Mission)
5	LaMadera, New Mexico	Gallegos	Other (Fire in Dump)
5	Las Vegas, Nevada	Fuchs	Other (Birds)
7	Sarasota, Florida	Ankudovich	Aircraft
7	Edgewood, New Mexico	Adams	Other (Hoax)
8	Albuquerque, New Mexico	Stull	Other (Imagination)
8	Minot AFB, North Dakota	Military (CND RADAR)	Aircraft
		Civilian Air	Insufficient Data
8	Miamisburg, Ohio	Carney	Astro (Star/Planet)
8-30	San Jose, California	Multiple Civilian	1. Aircraft 2/3 Astro (Star/Planet)
8 29	Coshocton, Ohio	Elder	Astro (Meteor)
9	35.20N 176.40W (Pacific)	Military Air	Satellite (ECHO II)
)	Canyon Ferry Reservoir, Montana	Flittner, Davis, Rust	Other (Hoax)

Classified Cases

(*) Separate folders

1 - 30 APRIL 1964 SIGHTINGS

DATE	LOCATION	OBSERVER	EVALUATION
8726B	Plattsburg, New York	Military	Satellite
8727-	45.50N 173.00W (Pacific)	Military Air	Satellite
8728-	Lakeview, South Carolina	[redacted]	Aircraft
8729-	Minticello, Wisconsin	[redacted]	UNIDENTIFIED
8730-	Baltimore, Maryland	[redacted]	Other (PSYCHOLOGICAL CAUSES)
8731-	Arizona, New Mexico, Texas	Civilian & Military	Astro (METEOR)
8732-	Colorado, New Mexico, Wyoming	Civilian & Military	Astro (METEOR)
8733-	Oak Lawn, Illinois	[redacted]	Insufficient Data
8734-	35.50N 171.00E (Pacific)	Civilian Air	Insufficient Data
8735-	Ardmore, Oklahoma	[redacted]	Insufficient Data
8736-	Merced, California	Military Air	Balloon
8737-	Not Reported		Insufficient Data
8738-	44.20N 48.00W (Atlantic)	Military Air	Balloon
8739-	Homer, New York	[redacted]	UNIDENTIFIED
8740-	Baltimore, Maryland	[redacted]	Satellite
8741-	Provo, Utah	[redacted]	Satellite
8742-	36.10N 174.00W (Pacific)	Military Air	Satellite
8743-	Fallon AFS, Nevada	Military (Gd RADAR)	Other (RADAR INVERSION)
8744-	Norfolk, Virginia	Civilian Air	Insufficient Data
8745-	Manassas, Virginia	[redacted]	Other (RESEARCH ACTIVITY)
8746-	Dayton, Ohio	[redacted]	Other (SEARCHLIGHT)
8747-25	Terry, Montana	[redacted]	Insufficient Data
8748-	Big Bend Natl Park, Texas	[redacted]	Satellite
8749-	Greenland	Military Air	Satellite
8750-	Mosinee, Wisconsin	[redacted]	Satellite
8751-	Astoria, Oregon	Civilian	Astro (VENUS)
8766-	Socorro, New Mexico (FOLDER (*))	[redacted] (PHYSICAL SPEC)	UNIDENTIFIED
8752-	North Platte, Nebraska	[redacted]	Astro (METEOR)
8753-	Socorro, New Mexico	Civilian	Other (GROUND LIGHT)
8754-	Grants, New Mexico	[redacted] (PHOTOS)	Aircraft
8755-	LaMadera, New Mexico	[redacted]	Other (FIRE IN LIMP)
8756-	Las Vegas, Nevada	[redacted]	Other (BIRDS)
8757-	Sarasota, Florida	[redacted]	Aircraft
8758-	Edgewood, New Mexico	[redacted]	Other (HOAX)
8759-	Albuquerque, New Mexico	[redacted]	Other (IMAGINATION)
8760-	Minot AFB, North Dakota	Military (Gd RADAR)	Aircraft
		Civilian Air (Visual)	Insufficient Data
8761-	Miamisburg, Ohio	[redacted]	Astro (STARS/PLANETS)
8762-30	San Jose, California	Multiple Civilian	1. Aircraft 2&3. Astro (STARS/PLANETS)
8763-	Coshocton, Ohio	[redacted]	Astro (METEOR)
8764-	35.28N 176.40W (Pacific)	Military Air	Satellite
8765-	Canyon Ferry Reservoir, Montana	[redacted]	Other (HOAX)

(*) Separate folders