

Presidium
of the Academy of Sciences
applied problems section.
Moscow B-333, Vavilova str., 44, 2

August, 8, 1978

1.
To Director
of the Institute of the
Earth Magnetism,
Ionosphere and
Radiowaves
Spreading
of the Academy of Sciences
of the USSR
MIGULIN V.V.
142092, Troizk, Moscow r.

Dear Vladimir Vasilievich!

I send you the report of one of the service man of
MU 97740 Medzhidov K.M., the report is dealing with the
phenomenon which was observed on June 26, around the vil-
lage Mumra in Astrakhan region.

Supplement: report in 8 pages

Vice-chairman of the Section E.A. Golubev

To A.N. Makarov
Send the answer to the author
with our thanks for this report.
10.09.1978 Signature

2.

R E P O R T

In the evening on June 24 1978, I together with my friends
was on the motorboat in 150 km. to the south of the vilage
Mumra in Astrakhan region <the place is presented in the
scheme>. At 22.50 <Moscow Time> the visibility was good, it
was practically cloudless, 0-1 force wind, I paid attention
to a bright spot in the starry sky, which was very much
different in size and brightness than other stars. It
appeared not far from the North Star, 20 degrees to the
south-east along a conventional line from the North Star to
the constellation of Cassiopea. For 4 minutes this spot came
down along a hyperbola, increasing in size, and reached the
height, as it seemed to me, of 400-500 m. and began to
move slowly in the eastern direction. While coming down the
spot took the form of an inclined at some angle saucer
<resembled an ellipsis; could be compared with a sport
disk>. It was seen clearly, that it was a material object of

the bright bluish-silvery colour. Before coming along a horizontal line the object had increased to 150 m. about and I saw two bright lights in it's centre, they resembled car head lights at a distance. A bright ray was coming to the earth from one of the sources of light <from the left to observers> the section of the light was sharply outlined and it's angle was 30 degrees, but the middle part of the section was darker. The ray was making a slight rotation along a circle. I had an impression that the ray didn't reach the earth. As I was in spectacles with dark glasses, the ray seemed to be pink <my friends also observing the phenomenon told me that the ray was bright-white>.

When the object came up to us a halo appeared around the object, later this halo became bright-white. At about 22.54 the object stopped above us at an angle of 70-80 degrees above the board of our boat. At the same time the increasing of the luminescence around us was observed, the board was lit more also.

At 22.55 the halo, air masses under the object came into motion <such phenomenon took place when you saw movements: in clouds when wind was strong, when a fan was working> therewith the halo and the object itself became bright-white. I had an impresiion that

3.

-2-

the object itself was moving.

At 22.57 the object disappeared suddenly, I even couldn't manage to observe the process. It became dark, only a slightly lighting halo remained in the sky <as the Milky Way>. The halo slowly during approximately 20 min. went all over the sky, and was seen for a rather long period of time.

At the beginning of the observation, when the object became visible, I attracted attention of my two friends <Attabekov and Nesterenko> to the phenomenon, they were on the board with me, and also I called three other who were in quarters <my nephew Urdashev and two friends-inhabitants of Murom>. All of us observed the above described phenomenon.

During the observation I asked my friends about all phases of the phenomenon to be sure in what I saw, I asked everyone what he saw and felt. They all confirmed everything I saw.

There were no other effects <no sounds, warm effects> besides what we saw.

The following persons were on the board except me:

1. Atabekov Murad Usufovich, born in 1932 in Moscow, member of the CPSU, high education <design engineer>, vice-director of the design bureau of the "Dagruba" union,

telephones:job-92-367, address:Makhachkala, Gagarin str.,ap.15.

2.Urdashev Magomet Omarovich, born in 1955,in Navruz, Gubninskyi d.,DASSR, memeber of the Komsomol, high education, he graduated from the Dagestan State University, philological department, he is in the army now in Buinaksk,lives in the University hostel <tel.7-71-78>.

3.Nesterenko Konstantin Stepanovich,born in 1948-50,in Murma Astrakhan region, he works as a zootechnician in the state-farm in Murma, middle education.

4.

-3-

Two other people were Nesterenko's friends and I have no information about them.

Supplement: it was a tradition not to drink alcohol on the board, so all were sober.

Service man K.M.Medgidov
Military Unit 97740

July 27, 1978.

5-9.

DRAWINGS

10.

REPORT

On June 26, 1978, in the interval from 08.00 to 09.30 crews of many air-crafts of the Sheremetievo air-port gave the information about a flying object at a height of 15-16 km. I asked memebers of one of the crews to describe the object.

A pilot reported that it was a space body of an oblong form and white colour.

The object was at the distance of 125-140 km. And later the controller asked the crews to observe the object as if it would begin to come down.

It was reported to the Air Defence sector about the event.

16.06.1978 Signature Dolzhenkov.

11.

To Director
of the Minsk Department
of Internal Affairs

Bovin A.I.

REPORT

I, a controller of the air movement of the Minsk OAO Dorozhinsky Gennadyi Alekseevich, was controlling the air movement in the Minsk zone, sector 1. From 18.00 to 21.00 I got reports from crews of different air-crafts flying courses Minsk-Ptich-Chernobyl and Khoyniki-Mozer-Pinsk. They observed a flying object of the silvery colour slightly glittering in the sun rays. The object was fixed at different heights <up to 11400 m.> The object was at 30-40 km. to the west from Opr-Ptich at a height 15000-16000 km. during several hours. The crews tried to fix it's mass by the board R/L, but in vein. It was not either fixed by the earth R/L systems in various regimes. The object was firstly like a cylinder 150-200 m. in diameter at a height of 700-1000 m. On the next day the same crew of the air-craft AN-24 reported from the altitude that the form of the object had changed, it became like a cylinder divided in the middle as if there were two parts connected by a bulkhead, it resembled dumb-bells. There were something like hanging string or ropes in the lower part of the object.

12.

No other peculiarities were mentioned in the reports. In the morning, during the day and at night no other information was.

12.03.78 Signature

To Director of the
Minsk department of
Internal Affairs
Bovin A.I.

REPORT

A controller of the Minsk R/L centre Gergiu Andrei Georgievich was on duty on July 13, 1978 in the Minsk zone, sector one. At 20.00 he got a report from the crew of air-craft 65016 about a flying object of a cylindrical shape and the silver colour, the object was 40-50 km. from Ptich according to the crew's report. It was at an altitude of 14000 km. it's size was huge. Later all crews being in the region reported about the object.

12.08.78 Signature

INFORMATION LIST

of the results of abnormal atmospheric and space phenomena observations and their influence on the environment and living beings and technical means.

1. Time of observation:

-April 18, 1980, at 22.40 Local Time. Time was fixed by watch. The phenomenon lasted several seconds.

2. The character of the phenomenon observed:

- the number of objects - one.
- of an oblong form, without visible details, of the reddish colour, very bright;
- Rays from the object were blue, divided into 3-4 columns were coming down to the very earth, a bright spot was moving in the ray, it was like a star and was losing the intensity of it's brightness.

No sound was heard (the observation was made from a room with windows shut).

- rectilinear movement;
- The object was seen by a chance, when it was already against the background of the sky through the western window, through the eastern window the object was not already seen, only a blue luminescence of it's column was seen.

-the phenomenon lasted 15-20"sec.

3. Estimation of sizes:

-only visually.

-The contour of the object was a bit smaller than the Moon;

4. Coordinates of the observed phenomenon and the place from where the observation was observed:

- Nizhnyi Tagil, Sverdlovsk region, Ilyich str., 19, ap. 78.
- angles were not estimated;

5. Information about technical means' registration:

no registration;

6. Influence on technical means:

- defects in TV screens;

7. Influence on people and other living beings and the environment:

- no influence;

8. Meteorological and other conditions during the observation:

- clear clodless sky;
- east-south-east wind, 3m.per sec.
- air temperature +0,1 C
- humidity 98%
- atmospheric pressure 733,7 kg per cm2

Meteorological data were given by Nizhnyi-Tagil meteorostation, situated 4 km. from the place of observation.

9. Information about observers:

- two persons:
- Makarov Gennadyi Grigoryevich, a military representative of 47 MR MD.
- his wife Makarova;

Signature: Makarov Gennadyi Grigorievich, 622051, Nizhnyi Tagil, Sverdlov region, Ilyich 19, ap.78.

April 25, 1980.

15.

INFORMATION LIST

1. Time of observation

- May 31 1980, at 21.30-22.15
- by watch;

2. The character of the observed phenomenon:

- one object;
- a shining ball as large as a tennis ball;
- no sounds
- the object was observed as a bright silver star, firstly motionless, then it moved quickly along an inclined trajectory at a short distance from the first position, therewith it's size desressed twice, the observation was interrupted by cloudiness.

3. Estimations of sizes of the observed object were made visually.

4. Coordinates of the observed phenomenon and the place from which the observation was made.

- Leningrad, crossing str. Lunacharskogo and str. Ushinskogo
- a height angle was about 3-5 degrees in the western direction <along str. Lunacharskogo>

5. It was not registered by technical means.
6. No influence on technical means was not observed.
7. No influence on people and living beings was not observed.
8. The weather was clear, low rare clouds;
9. The phenomenon was observed by two persons:
vice-chief of the department VAS Tezikov V.V.
senior-engineer of SRI Tezikova I.S.

194064 Leningrad, pr. Tikhorezkiy 3, VAS tel. 248-62-24

10.02.81.

16.

Military Unit

26267

June 17, 1980

N 224

The town of Malino

To Commander
of MU 55344-H
Moscow, A-284

INFORMATION LIST
of the results of abnormal phenomena observations.

On June 14, 1980 at 23.55 <Moscow Time> it was observed an unusual object moving in the atmosphere at a rather large height at an angle of 20-30 degrees to the horizon in the northern part of the firmament. The phenomenon lasted 2-3 min.

The peculiarities of the object: its head part was in a form of an oval nuclear, it left a track resembling an air-craft's inversional trace <Fig.1>, its rate was 3-4 times slower than the rate of a flying air-craft.

Fig.1

In 1-2 min. a shining rapidly increasing in size sphere separated from the nuclear, which in 10-15 sec. took the shape of a shining zone <Fig.2> after that the nuclear lost the intensity of its luminescence and changed the direction of its movement by 60-65 degrees to the left and began to lose its brightness and in 1-2 min. only a shining track was observed at the place where the object had been before, the outlines of the track were diffused, and then disappeared.

Fig.2

Fig.3

17.

-2-

It was not noticed any influence on technical means, people and the environment.

Meteorological conditions:

- visibility 6-10 km., a slight haze;
- 3-5 force cloudiness, cumulus high clouds;
- quiet;
- temperature +9,2 C
- humidity 84%;
- pressure 750,8 mm.

The observation was made by a group of people with vice-commander of MU 26267 colonel-engineer Kulshin Anatolyi Nikolaevich at it's head. The group consisted of 3 persons.

Signatures: colonel-engineer
 Major
 Junior sergeant
 Soldier

Records were made according to the words of Colonel-engineer Kulshin by Captain Peshehontzev, a commander of meteo-service

Signature

18.

INFORMATION LIST

of the results of abnormal atmospheric and space abnormal phenomena observations.

At the night of June 15, 1980 in the surroundings of Shelkovo-3, Moscow region, many inhabitants including service men were eye-witnesses of an unusual phenomenon, which was observed in the interval from 23.00 to 01.30 <Moscow Time>.

The phenomenon was observed in various ways by eye-witnesses from different positions of the observation.

The shortest distance was 50 m. One of the observers tried to come up to a motionless shining spot in a form of irregular ellipsis, filled with not bright yellow-green light and radiating a sound of a low frequency, pressing ears.

The height of it was 1,5-2 m. above the earth, and it was 2,5-3,5 m. in diameter according to visual estimations.

While approaching the phenomenon the observer felt repulsing forces and saw bright flashes of white light after which the object began to rise slowly and at an altitude of

20-25 m. it began to move in a horizontal direction and immediately removed in the north-eastern direction. In the same direction the observer already saw another phenomenon, other observers noticed something of the same kind.

Influences on technical means were not noticed.

Meteorological conditions from 23.00 to 02.00:

- cloudless, visibility 10 km., wind 350-360 degrees, rate 2-3 m. per sec.;

- temperature +8-9 C

- humidity: 23.00 - 65%, 00 - 71%, 01 - 78%, 02 - 78%;

- the pressure was increasing from 750mm to 751 mm.

The observer from a short distance was Karyakin Victor Gavrilovich, an engineer, colonel.

19.

-2-

Many service men observed the unusual phenomenon from their service places. Several groups observed the phenomenon.

- the flights controlling group;
- officers on duty and their assistants;
- guards;

All the observers gave written reports about the phenomenon. The first information was given by an officer of the day of the meteo-bureau of MU 22737 on June 15.

Commander of the meteo-bureau of MU 22737
Colonel-engineer Petrov.

20.

INFORMATION LIST

of the results of abnormal atmospheric and space phenomena observations and their influence on the environment, living beings and technical means.

A phenomenon was observed on June 15, 1980 from 00.15 to 02.20.

Time was fixed by watch.

The phenomenon was an object of the dark colour of an egg's shape and rather large. It was moving from the south to the north with a high speed. While the object was moving it flashed brightly with bright-red light. Later the brightness decreased and the colour of the luminescence was white.

This object was observed in the village of Shikhanu in Saratov region at 00.15 by Colonel Valin, Captain Bolotizky,

Soldier Gusev. As to eye-witnesses' words they observed a body in a form of a sputnic which was moving to the north, it had a fiery trace in a form of a arc to the earth with the azimuth 40-50 degrees. The body was hanging above the village of Pokrovka, which was to the north from the village Shimany by 27 km. 4-5 min later the body came up sharply leaving a cloud 60-80 m. in diameter. The cloud was removing to the north-west and at 02.20 disappeared at all.

At 00.20 an inhabitant of the village of Pokrovka Senkevich observed a body of a triangle form, which was

21.

-2-

hanging above the village, and therewith he felt the moving of the air.

During the period from 00.30 to 01.40 it was observed a double shining cloud in the azimuth 340-350 degrees and 3-5 degrees above the horizon in the region of the aerodrome in Baranovsk <all angles were estimated visually>. the object resembles two disks of the bright-white colour with a train directed to the north-east. The train was going beyond the horizon. At 01.40 the cloud removed to the north-west and began to dissolve and at 02.20 the cloud disappeared at all.

the shining cloud was photographed by "Smena" camera, with film speed 65, photographing was made during 30 min. from 01.10 to 01.40 by a meteorologist on duty of the meteorological station Senior lieutenant Gurtovenko. The photos were made through the glass of the window from the height of 6 m. above the earth. In the lower right part of the photo the frame of the window was seen. In the low part lights from the street lamps were seen. In the central part of the photo the shining cloud with the train was outlined by a pen. The phenomenon was not accompanied by any sounds. There were no hindrances while receiving meteorological information by radiochannels.

Meteorological conditions:

- 3 force cloudiness
- visibility 10 km.
- wind 20 degrees 5 m. per sec.
- temperature +10 C
- humidity 72%;

22.

-3-

The weather in Baranovka the day before the phenomenon.
-7-10 force cloudiness;

- visibility 6-10 km.
- north-western wind 5 m.per sec.
- temperature +10 C.
- humidity 70%;

In the period from 09.00 to 13.00 it was raining, visibility 4 km.

In the period from 18.20 to 18.50 it was raining slightly, visibility 10 km.

The pressure during the day changed slightly and was about 755 mm.

The time mentioned in the information list was Moscow.

In this time according to a topographical map it was observed moving of air masses to the north with a rate of 30-50 km.per h.

Commander of MU 73778-E
Colonel Manukhin.

June 19,1980.

23.

INFORMATION LIST

of the results of abnormal atmospheric and space phenomena observations and their influence on the environment, living beings and technical means.

1. Time of observation:

From 0.40 to 2.00 On June 15, 1980.

2. The character of the observed phenomenon.

The number of the observed objects- one;

At 0.40 near Volsk-18 Saratov region a shining semi-sphere of the pale-red colour appeared at the horizon level in the north-west direction. the space around the sphere was not lit up. Further while rising the object took the form of a ball. After a while it was observed the deformation of the observed object: firstly the ball was stretched in the left side and then it gradually separated into parts, the same happened with the right part. As a result the object took the form presented in Fig.<phase 8>.

A bright ray was directed from the object to the earth in the last phase. After a while the object rose sharply and disappeared. It was about 2.00.

3. Estimations of sizes.

The estimations were made visually. At the first phase angular sizes of the object in comparison with objects at a stretched hand distance were 10-12 cm. in diameter, during the

-2-

the last phase the upper and the low disks were a bit larger in diameter. the observed object was at an altitude of 300-400 m above the horizon in it's last phase. The width of the ray in it's lower part was about a half of it's altitude above the earth.

4.Coordinates of the observed phenomenon and places from which the phenomenon was observed.

The town of Volsk-18 Saratov region.The object was in the north-western direction.

Observers were at an angle of 90 degrees to the observed object.

5.Information about technical means registrations.

No technical means were used.

6.Influence on technical means.

No influence was registered.

7.Influence on people, and other living beings and the environment.

8.Meteorological and other conditions during the observation:

-visibility 10 km.

-3 force upper clouds;

-air temperature 72%;

-atmospheric pressure 1009,5x10 Pa.

the conditions in the previous period:

-it was rain in the morning;

-there were no other atmospheric phenomenon <fog,haze and so on>accompanying the abnomal phenomenon.

9.Information about observers:

The phenomenon was observed by a group of four persons.

-3-

The number of independent groups -two;

The number of observers in each group:

the first group- 3 persons;

the second group - 1 person.

1.Bulatizkyi Mikhail Konstantinovich Senior officer

2.Skorov Valeryi Pavlovich	Junior officer
3.Loskutov Mikhail Vladimirovich	Ensign
4.Minnulin Fanul Sitdikovich	Soldier

The observation was observed by service men of MU 74873

10.Name, address, telephone of a person who signed the information list:

Doronin Alexander Pavlovich, Junior officer, MU 61469
Volsk-18, Saratov region, str.Krasnoznamennaya,420 ap.19

July 16,1980 Signature.

26.

INFORMATION LIST

of the results of abnormal atmospheric and space phenomena observations and their influence on the environment, living beings and technical means.

1.Time of observation:

From 23.50 to 2.00 On June 15,1980.

2.The character of the observed phenomenon:

At 23.50 a singular atmospheric abnormal phenomenon in a form of a ball appeared in the northern direction from the town of Volsk-18, Saratov region.The ball was of the bright red colour. Rays were coming from it to the earth. Firstly there were five rays, which after 5-7 min.they flew in one powerful flow. No sounds accompanied the phenomenon. The object was moving with a slow speed at a height of 100-200 m.above the horizon gradually gaining height.The direction of the movement was from the west to the east.The mentioned atmospheric phenomenon lasted 20-30 min. after which it disappeared suddenly. After that at this place a shining area of an ellipsis form left. At the last phase this area took the form of a rectangular with not distinctive outlines with longer sides which were parallel to the horizon.Luminescence at the time was rather bright of the orange and violet tints, then it began to decrease gradually and at 2.00 stopped.<Supplement 1>.

3.Estimations of sizes:

The estimation was made visually.

27.

-2-

Angular sizes of the observed phenomenon were made in comparison with an object at a distance of a stretched hand. The object was about 8-10 cm. in diameter and the size of the shining area after the object disappeared was 45x12 cm.<horizontally and vertically correspondingly>.

4.Coordinates of the observed phenomenon and the place from which the object was observed.

According to the scheme of Supplement 2.

The angular height at the beginning of the observation was 30 degrees and later it increased to 40-45 degrees.

The angles were estimated visually.

5.Information about technical means registrations.

Specimen DF-64 registered nothing.

6.Influence on technical means.

It was observed an unstable operation of the internal combustion engine of ZIL-131.

7.Influence on people and other living beings and the environment:

The influence on people was not observed.

8.Meteorological and other conditions during the observation:

-visibility 10 km.;

-cloudiness - 3 force cloudiness, upper clouds;

-air temperature +8,6 C;

-humidity 72%;

-atmospheric pressure 1009,5x 10² Pa

-conditions previously: it was raining in the morning;

-atmospheric conditions <fog,haze and so on> accompanying the phenomenon were not observed.

28.

-3-

9.Information about observers:

The phenomenon was observed by a group of 20 persons. the number of independent groups was 7:

1 group - 4 persons

2 group - 1 p.

3 group - 7 p.

4 group - 2 p.

5 group - 1 p.

6 group - 4 p.

7 group - 1 p.

The observation was conducted by service men of MU 74873 <19 persons, 1-6 groups> and MU 61469- 1 per.<7 group>.

Names, positions and signatures of observers are presented in supplement 3.

10. Name, address, telephone of the person who filled the list.

Junior officer Doronin Alexander Pavlovich, MU 61469, address: 412680, Volsk-18, Saratov region, Krasnoznamennaya str.420, ap.19.

July 16, 1980 Signature

29.

-4-

Fig.1 The evolution of the phenomenon.

30.

Fig.1 The drawing of the abnormal phenomenon.

31.

-5-

Supplement 2

Place of observation.

32.

-6-

Supplement 3.

- | | | |
|-----|------------------------------------|----------------|
| 1. | Eulatizkyi Mikhail Konstantinovich | senior officer |
| 2. | Gallyamov Azat Akhatovich | soldier |
| 3. | Orlov Arsentyi Alexandrovich | soldier |
| 4. | Terekhov Nikolai Dmitrievich | soldier |
| 5. | Burdakhin Sergei Nikolaevich | sergent |
| 6. | Sarkov Alexander Anatolievich | soldier |
| 7. | Smolin Alexander Nikolaevich | soldier |
| 8. | Karimov Aidar Mazgarovich | soldier |
| 9. | Fatykhov Rais Zufarovich | soldier |
| 10. | Nizamov Nafis Nazimovich | junior sergent |
| 11. | Yakhin Domir Yusupovich | soldier |
| 12. | Khalikov Yumagunsa Galievich | soldier |
| 13. | Filin Anatolyi Vladimirovich | soldier |
| 14. | Gusev Viktor Vasilievich | soldier |
| 15. | Bikhmukhametov Aidar Ismagilovich | soldier |
| 16. | Ocheev Ivan Grigorievich | junior sergent |
| 17. | Khaziakhmetov Raflat Khaziakhmet. | soldier |

18.Akhmetin Zafir Zipurovich	soldier
19.Minnullin Fanulu Sitdikovich	soldier
20.Yavin Sergej Alexandrovich	senior officer

33.

-2-

<The first list of this report was not found>

Angles were estimated visually.

5.Data of technical means registrations.

No technical means were used except specimen DP-64, which didn't fix anything.

6.Influences on technical means.

Influences on technical means were observed.

7.Influence on people and living being and the environment.

No influence.

8.Meteorological and other conditions:

-visibility 10 km.

-2 force upper cloudiness;

- no wind;

- air temperature 17,5 C;

- humidity 73%

-conditions in the previous day <storm,changes of pressure or temperature>

no specific conditions;

- atmospheric phenomena accompanying the abnormal phenomenon;

no atmospheric phenomena;

9.Information about observers:

The observation was made by a group of 4 persons.

34.

-3-

The number of independent groups and the number of persons in them:

1 group - 4 persons.

1.Makienko Alexander Fedorovich	senior officer	MU 61469
2.Chavdarov Yuri Konstantinovich	junior officer	MU 61469
3.Doronin Alexander Pavlovich	junior officer	MU 61469
4.Kalugin Vladimir Alexandrovich	soldier	MU 74873

10.Name, address, position of a person who formed the list:

Senior officer Doronin Alexander Pavlovich, MU 61469,

address: 412680, Volsk-18, Saratov
region, Krasnoznamennaya, 420, ap.19.

July 26, 1980

Signature

Analogous abnormal phenomena in the town of Volsk-18, Saratov region were observed also on July 12,14,15,18,30, and also on September 6,1980.

Periods of observations, meteorological conditions during the observations, information about observers are presented in Tables 1,2. On July 12,14 1980 the phenomenon was observed in the southern direction, therewith the object observed on July 14 made zigzag movements changing it's colour from time to time.

35.

-4-

Table 1

Meteorological and other conditions during observations:

1. Date- 12.07.1980
period- 0.20-1.20
visibility - 8 km.
-no clouds;
-wind 260 m.per sec.,3 degrees;
-air temperature 23,4 C;
-humidity 55%;
-atmospheric pressure 751 mm.;
~~-conditions on the previous day 11.07-nothing specific;~~
-no accompanying atmospheric phenomena;
2. Date- 14.07.1980
period - 22.15-22.45
visibility- 10 km.
-5 force cloudiness;
-wind 40 m.per sec., direction 4 degrees;
-air temperature 17,4 C;
-humidity 63%;
-atmospheric pressure 753.7 mm.
- on the previous day - nothing specific;
-no accompanying atmospheric phenomena;
3. Date-15.07.1980
period - 1.00-3.00
visibility 10 km.
- cloudless;
- no wind;

- air temperature 14 C;
- humidity 78%
- atmospheric pressure 750 mm.
- on the previous day - nothing specific;
- no accompanying atmospheric phenomena;

4. Date-18.07.1980
period 2.20-3.50
visibility 10 km.
- cloudless;
- no wind;
- air temperature 9 C;
- humidity 81%;
- atmospheric pressure 757.8mm.
- on the previous day - nothing specific
- no accompanying atmospheric phenomena;
5. Date- 30.07.1980
period 2.00-4.00
visibility 10 km.
-cloudless;
-wind 360 m.per sec. direction 2 degrees;
-air temperature 11,8 C;
-humidity 78%;
-atmospheric pressure 759.6 mm.
- on the previous day - nothing specific
-no accompanying atmospheric phenomena;

-
6. Date- 8.09.1980
period 2.20-4.10
visibility - 8km.
-5 force cloudiness;
-no wind;
-air temperature 12 C;
-humidity 90%;
-air pressure 757.1 mm.
-it was haze on September 5.
-no accompanying atmospheric phenomena;

Supplement: meteorological conditions were given fro
the last hour of observations.

36.

-5-

Table 2.

L I S T
of observers of the abnormal phenomena.

		Date	Period
1. Kadosin Andrei Petrovich	sergent	12.07.80	0.20-1.20
	MU 74873		
2. Grudinkin Anatolyi Vladimirovich	sergent	12.07.80	0.20-1.20
	MU 74873		
3. Zudin Yuri Viktorovich	soldier	12.07.80	0.20-1.20
	MU 74873		
4. Astafiev Aleksei Mikhailovich	junior sergent	14.07.80	22.15-22.45
	MU 74873		
5. Romanov Alexander Ivanovich	soldier	14.07.80	22.15-22.45
	MU 74873		
6. Shpagin Alexander Borisovich	soldier	14.07.80	22.15-22.45
	MU 74873		
7. Myakotin Vladimir Petrovich	senior officer	18.07.80	2.20-3.50
	MU 61469		
8. Kuznetsov Vladimir Nikolaevich	junior officer	18.07.80	2.20-3.50
	MU 61469		
9. Gavrilov Valeryi Georgievich	senior officer	30.07.80	2.00-4.00
	MU 61469		
10. Klementiev Yuri Alekseevich	senior officer	14.07.80	22.15-22.45
	MU 61469		

37.

-6-

11. Doronin Alexander Pavlovich	junior officer	15,18,25,30 July
	MU 61469	September 6, 1980 -
12. Lapko Yuri Ivanovich	senior officer	6.09.80 2.20-4.10
	MU 61469	

38.

INFORMATION LIST

of the results of abnormal atmospheric phenomena observations and their influence on the environment people and living beings.

1. Time of observation:

August 13, 1980 <Moscow time> from 0.20 to 3.30;

2. The character of the observed phenomenon:

The number of the observed objects - one.

At 0.20 it was observed an abnormal atmospheric phenomenon in a form of a ball in the north-eastern direction from the town of Volsk, Saratov region. The ball was of the metallic colour, white-hot. A lot of thin long rays were coming from the object in various regions, not

reaching the earth. The object made chaotic movement in different planes <up,down,to the right, to the left>, therewith it was changing it's size: increasing,decreasing. the phenomenon was not accompanied by any smell or sounds. The object in such conditions was observed during a long period of time <1-1,5 hour>. But it was not a constant observation during this time. The shape of the object and it's place was observed periodically with intervals of 15-20 min. After a while the object began to rise slowly. At 2-2.20 two shining spots appeared in the sky. To our mind they were air-crafts. Soon they began to move to the observed object, therewith one of them flew lower than the object, and the second according a rising trajectory. While the second air-craft was approaching the object was moving away from it. When the air-craft tried to come near to it, the object moved away again.

39.

-2-

There were no other attempts to come to the object. After that the two air-crafts changed their courses by 180 degrees and went away. Traces from the air-crafts left in the sky for some time.

The object was observed up to 5.30, until it disappeared. It must be noted that the disappearance of the object happened much later after the stars disappeared. No smells, sounds and tracks were not observed.

3. Estimations of sizes.

All estimations were made visially. Angular sizes of the object in comparison with objects at a distance of a stretched hand were approximately 0,4-0,8 cm. in diameter.

The size of the object was compatible with that of stars but a bit larger.

4. Coordinates of the observed phenomenon and the place from which the observation was made:

Volsk-18, Saratov region, the north-eastern direction. the angular height at the beginning of the observation was 20-25 degrees, then it increased to 40-45 degrees above the horizon.

5. Data about technical means registrations.

No technical means were used.

6. Influence on technical means

At 0.20-0.40 there were many hindrances in the work of a

transistor radio-set VEF-201. The hindrances were so strong that it was impossible to listen to radio programmes, it was switched off. When it was turned on at 3.00-3.15 no hindrances were observed. There were no defects in the radio-set.

7. Influence on people and other living beings and the environment was not observed.

40.

-3-

8. Meteorological and other conditions during the observation:

- visibility 10 km.
- no clouds, clear sky;
- the rate and direction of wind - no wind;
- air temperature 12.2 C;
- humidity 90 %;
- conditions on the previous day <storms, sharp changes of temperature and pressure> no specific conditions;
- atmospheric conditions accompanying the abnormal phenomenon <rain, fog, haze, traces> not observed;

9. Information about observers.

The observation was made by a group of three persons.

The number of independent groups and number of persons in them:

1 group - 3 persons.

1. Khomenko Alexander Grigorievich - senior officer
2. Pechenenko Nikolai Grigorievich - senior officer
3. Pechenenko Vera Ivanovna - inspektor

41.

10. Name, address, job of a person who signed the list:
Junior officer Doronin Alexander Pavlovich, MU 61489
address: 412680, Volsk-18, Saratov
r., Krasnoznamenaya, 420, ap.19.

Signature

August 15, 1980.

42.

INFORMATION

about abnormal phenomena observations in the atmosphere.

Name of observatory, station or post.

Date: October 11, 1979 AMSG Tashauz.

Name, job: Shakhova Valentine Ivanovna, technician;

1. Observed phenomena are to be described to the following scheme:

1. The character of phenomena observed in the atmosphere. It is better to make drawings or photographs.

A ball was observed in the north-western part of the aerodrome.

2. Time of the beginning and end of the phenomenon:
17.40-17.43 <Moscow Time>

3. Place, in what part of the sky to the north or to the south the phenomenon was observed; angular height above the horizon:

In the north-western part of the horizon.

4. Form: a cylinder, ball or other forms: a shining ball.

5. Size: angular size. at an angle of 45 degrees.

6. Dynamics: movement, the direction of movement and its rate; changes of form and size: a ball 30 cm. in diameter, a shining spot in the centre, light was spreading by circles and increased in diameter to 70 cm.

7. The character of luminescence, colour, brightness:
It was of the white colour.

8. Sounds accompanying the phenomenon: no sounds;

2. Information about meteorological conditions during the observation:

1. Cloudiness in the region of observations:
force 1 upper cloudiness.

2. Rate and direction of wind: northern, 2m. per sec.

3. Air temperature 13,7 C;

43.

4. Atmospheric pressure: 757 mm.

5. Visibility more than 10 km.

6. Presence of the sun light: not.

7. Atmospheric electricity: not.

8. Atmospheric phenomena (rain, fog, haze, storm, halo)
- not.

3. Failures in radio communications, the duration of the period of this failure: not.

4. Unusual effects in movement, luminescence; influences on people, animals, the environment; no influence was observed.

5. Eye-witnesses, their addresses and names.

The ball was observed by the crew of an air-craft, course 5270 at a height 5700 m. The air-craft was flying from Akhtubinsk to Tashauz. The crew of an air-craft, course 109 flying from Ashkgabat to Alexandrov also observed the phenomenon.

Supplement: If it is possible it is recommended to use all instruments for fixing abnormal phenomena (photograph, record sounds, measure angles by theodolite, use R/L systems).

Signature.

44.

INFORMATION LIST

1. Time of observation:

- October 27, 1980, beginning-17.58, end- 18.00;
- time was fixed by watch "Electronica B6-03"

2. The character of the phenomenon observed:

- it was a singular object;
- a round form, red colour, without visible details, dim red disk;
- rays of light were radiating from the whole surface of the object;
- no sounds;
- the object appeared imperceptibly for the observers and disappeared dispersing at the same place
- the phenomenon lasted not more 3 min.

3. Estimations of sizes:

- estimations were made visually
- angular sizes are compatible with the full moon.

4.Coordinates of the observed phenomenon and places from which it was observed:

- the observation took place not far from the town Mutishi,Rupasovsky str.
- the object was observed at an angular height of 5 degrees above the horizon, above the tops of trees at a large distance, the azimuth angle 90 degrees;
- angles were estimated visually;

5.Registration by technical means were not made.

6.Influence on technical means:

It was impossible to tune a radio-station R-140 because of a outside signal at the frequency of 3192 kgz from 17.00 to 18.00.

7.Influence on people and other living beings and the environment: no influence was observed.

45.

-2-

8.Meteorological and other conditions during the observation:

- visibility from 7 to 10 km.
- no clouds;
- no wind;
- air-temperature 0 C.
- humidity - normal
- atmospheric pressure - normal;
- in the previous period: it became cold sharply, snow, rain, lowering of temperature to -5 C, on the day of observation it became warmer;
- accompanying atmospheric phenomena: were not observed.

9.Information about observers:

- It was a group of three people
- senior scientific assistant, MU 25871
Donchenko Victor Ivanovich;
- teacher Pervushin Yuri Ivanovich
- commander of the batalion MU 25871

Teacher of faculty 25 Pervushin Yuri Ivanovich

194064 Leningrad, Obruchev str.8, ap.222, tel.248-68-25

9.02.81.

46.

INFORMATION LIST

On October 10 1980, 19.00 Moscow Time. From the board of an air-craft. It was one object of a semispheric form, of the bright white colour with distinctive contours. It was moving from the north-east to the south-west with a heading of 210 degrees. The object was observed during 10 min. with constant increasing and decreasing in size and density. In 6-10 min. it began to dissolve and disappeared.

The size of the object was approximately 1 km. in radius. The object seemed to be cut into two parts. All estimations were made visually.

The object was observed above the village Pervomayiskaya, Tambov region, at a height of 4-5 km. <visually>. The observation was made from the height of 1700 m.

There were no changes in the work of an engine and instruments and board systems.

Meteorological data showed that at 19.00 air-temperature in: Ryazhsk increased by 0,1 C, Lipetz by 0,3 C, Tambov -0,2 C.

The object didn't influence persons.

The weather in the region was the following:

-10 force cloudiness, the lower frontier at 500 m., the upper at 1200 m.

-visibility near the earth 10 km., higher clouds the visibility was fine;

-wind 220 degrees, 7 m. per sec.

-pressure 734,6 mm.

Observers: first class pilots, Majors: Balaguev Pavel Alexandrovich, Milovanov Mikhail Mikhailovich.

Senior engineer Lodnev Yuri Vasilievich. Tambov-4 tel. 9-24-98.

The information list was written on November 3, 1980

Major engineer

Signature

47.

Military Unit
32103

To Commanders
of military units
To Commander of MU 73790

I send to you this information list of the results of abnormal atmospheric and space phenomena and their influence on the environment, people, living beings and technical means.

INFORMATION LIST

of the results of abnormal atmospheric and space phenomena and their influence on the environment, people, living beings and technical means.

1. Time of observation:

-Sunday, on January 11, 1981, at 7.06-7.06.5sec <Moscow Time>.

-time was fixed approximately;

2. The character of the observed phenomenon:

It was observed a singular object. It was of an ellipsis form.

DRAWING

-there were no rays of light observed, it was a compact clot of light;

-no sounds were heard;

-the object was moving strictly along a horizontal line, it was not seen along the whole trajectory but only in two spots. It's speed was very high. The object seemed to stop in these spots for short periods of time;

-changes in shape were not observed;

-the phenomenon lasted 5 sec.

The place of observation: Eniseisk, Krasnoyarsk region.

48.

2.

3. Estimation of the observed object's sizes

-estimations were made visually.

4. Coordinates of the observed object and places from which the observation was made:

-the object was moving along a central part of the road near an officer canteen, at a height of about 30-40 m.

-a distance to it was about 100-200 m.

-angles were estimated visually

5. Data of technical means registrations

-technical means were not used;

6. Influence on technical means:

No influence was observed

7. Influence on people, living beings and the environment:

No influence was observed.

8. Meteorological and other conditions during the observation:

- visibility more than 500 m.
- no clouds, clear starry sky,
- no wind;
- air temperature -21 C;
- on the previous day no sharp changes of temperature and pressure were observed;
- no other atmospheric phenomena were accompanying.

9. Information about observers:

- the observation was made by one group of 2 persons: a corporal of the guard and guard;
- the number of independent groups - one;
- Kolomiez Nikolai Ivanovich Commander of the department;
- Ulyanov Yuri Mikhailovich, senior officer.

10. Acting as a Commander of a department of MU 32103
Voronin Evgenyi Mikhailovich, tel. 443-90-11
February 16, 1981

Colonel-engineer Fedorov

49.

INFORMATION LIST

of the results of abnormal atmospheric and space observations.

1. Time of observation:

January 20, 1981, at 18.05 Local Time <14.05 Moscow Time>
Time was fixed by watch. The duration of the observation was 4-5 min.

2. The character of the observed phenomenon:

The whole phenomenon can be divided into some phases according to evolution of the process:

Phase 1.- A moving dark object, it was difficult to see it's configuration. It radiated four bright blue torches, directed opposite to it's movement.

Phase 2.- Rays of light disappeared, a bright luminescence appeared and at the same time a shining snail, which continued to move for a while.

Phase 3. - the "snail" turned around and formed a shining circle, it's angular sizes were compatible with the Moon disk, at middle angular heights.

Phase 4.- The circle hang for some time and vanished from sight with a high speed.

3. Estimation of the observed object's sizes.

Estimations were made visually. Angular sizes in the first phase were two times smaller than the moon angular sizes, and in the third phase were equal or a bit larger than that of the Moon.

4. The place of observation:

Tomsk. At the territory of the Tomsk military school of communication.

50.

2.

An angle of it's altitude above the horizon in the first three phases was about 25-30 degrees. The angle in the fourth phase changed sharply to 80-85 degrees <visually>. No sound was heard.

5. Data about technical means registrations and influence on them: no data.

6. Meteorological conditions:

Rare clouds. Air temperature -18 C.

7. Information about observers:

A group of officers of the staff SMR:

Colonel Alexandrov Vyacheslav Sergeevich

Lieutenant colonel Zhuravlev Filipp Fedorovich

Major Kozulkov Vasilyi Mikhailovich

Signatures

The information list was written on January 30, 1981 by Commander of Meteoservice of SMR Colonel-engineer Rublev Anatoly Aleksandrovich.

Address: 630012, Novosibirsk-12, tel. 2-24

Colonel-engineer Signature

51.

INFORMATION LIST

of the results of abnormal atmospheric and space

phenomena observations and their influence on the environment, people and other living beings and technical means.

1. Time of observation:

January 20, 1981

From 14.08 to 14.11 Moscow Time

Time was fixed by aviation watch ChS.

2. The character of the observed phenomenon and estimations of it's sizes:

All this information is presented in a list of radio conversation between a controller and a crew.

3. Coordinates of the observed phenomenon and the places from which it was observed:

-from the board of an air-craft AN-12 n.12981, flying a heading of 22200 Krasnoyarsk - Moscow, at an altitude of 8400 m. and air-craft IL-18 n.75803 at the same altitude being above Kemerovo, flying from the east to the west.

At the moment the air-craft n.12981 observed the object it was 220 km. from Kemerovo with the azimuth 33 degrees, it's course was about 300-310 degrees. The object was observed by the crews of AN-12, IL-18 visually, the object didn't influence on technical means either on air-crafts or in the air-port in Kemerovo.

It was not fixed by the earth R/L systems.

4. Meteorological conditions in the air-port of Kemerovo at 13.55<Moscow Time>. It was clear, visibility - more than 10 km. wind near the earth 320 degrees 6m. per sec., temperature -19 C, humidity 70%, pressure 754,3mm.

5. Controller of the third class Shumkov Alexander Yurievich was working with the crew.

6. The information list was written by Senior controller Pivovarov Alexander Rufovich, controlling service of the air-port in Kemerovo, tel. -55-22-78.

address: 650041, Kemerovo, Air-port.

26.01.81 Shumkov signature

Pivovarov signature

52.

INFORMATION LIST
of the results of abonomal atmospheric and space

phenomena observations.

Approximately at 24.00, or at the beginning of the first hour on the night of February 3, 1981, from the village of Chkalovsky and "Zvezdnyi gorodok" two shining columns hanging in the air at the height of 20-30 degrees were observed visually.

One of the columns was near the aerodrome Chkalovsky, and the other to the north from "Zvezdnyi gorodok". The columns were in a vertical position, they were seen simultaneously. The colour of the "south" column was bluish-grey, of the "north" orange. The both columns were glimmering.

As to one of the eye-witnesses Kalistratova's words there was a nuclear (in the middle of the column situated to the north from "Zvezdnyi gorodok"). It seemed to be a source of light.

Kruglova, another eye-witness, noticed the movement of the "south" column, so it was noticed the movement of the column from one azimuth to another during some seconds.

The relation between width and length 1:10-15.

Kruglova considered that the outlines of the columns were not distinctive and the light was not dense, but stars were not seen through them.

Kalistratova with other students noted that the fronties of the columns were distinctive.

No influence on technical means and other living beings were not observed.

Meteorological conditions from 23.00 on February 2 to 2.00 on February 3: 4-7 force cloudiness, visibility -10 km., wind 240-270 degrees rate-2-4 m.per sec., air-temperature -7, -9 C, humidity 61-66%.

The phenomenon was observed by:

Kruglov Sergei Mikhailovich with his wife,
Vasiliev Evgenyi Alekseevich with his wife,
Kalistratova Olga with other 5 students.

Commander of meteo-service of MU 22737
Colonel A.Krafchenko

53

To Commander
of AMC
Ilchuk L.V.

INFORMATION LIST

of the results of abnormal atmospheric and space phenomena observations and their influence on the environment, people, living beings and technical means.

1. Time of observation:

On February 25 1981, from 19.24 to 19.54 <Moscow Time>. Time was fixed by watch.

2. The character of the observed phenomenon:

- two objects;
- an oblong form, bright-orange;
- rays were not observed;
- sounds were not heard;
- the objects were moving parallelly the air-craft and with the same speed;

Firstly only one orange spot was seen. Then two spots appeared which were approaching the air-craft. Later the object flew from the air-craft and disappeared. While it was flying in the clouds nothing was seen during 5 min. The flight was at an altitude of 3300 m. and the speed was 510 km. per hour; air temperature was -12 C. It was a slight bumpy air. After leaving the cloudy area there were two objects near the air-craft. They were to the right at an angle of 70-80 degrees. The first object had 5 lights of the orange colour, one of which was much brighter than the others. The second object was analogous to the first but it had only three lights. Then the first object after accompanying the air-craft turned to the right and its lights gradually went out. The second object accompanied the air-craft during 6-8 min. of the flight and responded to the rate of the air-craft from 420 km. per hour to 340 km. per hour and the change of an altitude from 330 to 400 m.

3. Estimations were made visually and sizes were not given.

4. It was above Likhula, not far from Kubassary <20 km. to the south from Khaapsaly, above the thoroughfare Tallinn-Pyarny, 30 km. to the south-west from Tallinn at an altitude of flight -3300-400 m. when the air-craft was landing.

54.

-2-

5. In the screen of the board locator nothing was registered. It was reported to a controller about the phenomenon. The controller didn't see anything in R/L system screen either. It was reported to the controlling post of

the Air Defence Service. The controlling post found nothing, only an air-craft YAK-40 was found, no other air-crafts in this region were registered.

6.No influence on technical means of the air-craft was observed.

7.No influence on people and the environment was not observed.

8.The visibility near the earth from an altitude of 3000m. was about 30 km. To estimate the visibility at night was impossible.

It was 10 force cloudiness, upper, middle within 40 km. it was lower than 3300 m. and further it was higher 3300m.

-wind at an altitude of 3300m. 130-150 degrees, 20 km.per hour;

- air temperature at an altitude 3300m. -12 C.
- humidity was not measured;
- atmospheric pressure 778 mm.
- no other atmospheric phenomena were observed;

9.The crew of the air-craft YAK-40 consisted of 3 persons and the passangers of the air-craft

- commander Roost A.A.
- air mechanic Veselov V.V.

10. Commander of the air-craft YAK-40

Roost Anatolyi Anatolievich

Tallinn, Lennyama str.-2.

Tel.219008

February 26, 1981

Commander of the movement controlling service

Frolov Yu.V.

February 26, 1981.

55.

RESULTS

of an abnomal phenomenon observation made by Colonel-engineer Khritin A.Vl., a teacher of faculty 12, captain engineer Chezhegov V.A.

15.05.81. from 01-40 to 02.50 Lieutenant-colonel was in the region of the village Kuzmishevo when a bright shining spot appeared in the south-east direction slowly moving to the earth and radiating rays in three directions. At some

altitude from the spot a shining area appeared which was spreading quickly all over the sky <Fig.1>

FIGURE 1

A black square appeared inside the shining area, the black square was quickly increasing in size and occupied practically all the inside of the shining area. Therewith two crossing bulkheads were distinctly seen inside it they resembled window's bulkheads. <Fig.2>

FIGURE 2

56.

-2-

At about 02.00-02.05 the clearness of the phenomenon began to decrease. It was maximum bright and distinctive at 01.55.

No sounds effects were observed.

Later the shining area transformed into the following shape: <Fig.3>

FIGURE 3

There were no bubbles in the car radio-set operating. The whole phenomenon disappeared at about 02.30.

15.05.1981, Captain Chezhegov being near the village of Kuzmishevo observed the following unusual phenomenon:

at about 01.55 a shining spot appeared in the south-eastern direction from the village Kuzmishevo. The spot was slowly coming down to the earth. At some height above the spot a shining cloud appeared and quickly spreaded over the sky, and three tails appeared behind the spot:

57.

-3-

Later a shining area in a window shape began to spread from the spot, and the spot itself lowered.

FIGURE

The shining area continued to spread and became pale. Such picture continued until 02.30 after which it began to grow dark until disapperaed.

At about 02.50 a pale-claret-coloured cloud in a lens form apperaed above the place where the shining spot was hanging. It was like a fire.

FIGURE

Later during 30-40 min. the cloud was diffused in a pale-pink streams and then everything disappeared.

FIGURE

58.

-4-

Information list was written by:

Lieutenant colonel Khritin A.V.

Captain-engineer Chezhegov V.E.

Supplement: Time was fixed by watch.

It was the full moon. Visibility - 30-50 km.

It was no rain, fog, haze.

Angular sizes were impossible to be estimated.

Observers Lieutenant-colonel Khritin A.V. and

Captain-engineer Chezhegov V.E. near the

village Kuzmishevo, Taruss district, Kaluga

region.

59.

Supplement

DESCRIPTION

of an abnormal phenomenon observed on
15.05.1981.

A shining spot of the bright white colour resembling a landing air-craft's head-light appeared in the firmament in the north-eastern direction from the place of observation. Then the spot began to move quickly to the place of observation coming up from the earth surface and leaving a twisting train of the pink colour. While the spot was moving a shining train was broadening, turning into a bluish-white shining area with the spot as a centre of it. It was light as in day time. Not reaching the zenith by 10-15 degrees it was noticed that an explosion seemed to happen around the "spot" and a dark area in a shape of a square of large sizes formed, and arc-formed shining rays were coming from the spot, and it became lighter. The shining area occupied 1/4 part of the firmament.

At the place where the spot appeared a square consisting

of four shining spots formed, therewith two lower spots were shining with pink, and the upper with white.

After that the spot changed the course by 90 degrees and began to remove to the north <to the North Star> and vanished from sight at about 02.10. The part of the firmament which was lit up continued to shine until dawn <03.30> And the pink train formed at the beginning of the phenomenon was diffused slowly and remained in the sky until 4 in the morning.

Meteorological conditions during the observation:
It was cloudless, north-eastern wind 2 m./sec;
Atmospheric pressure 766 mm., air-temperature +7 C.

60.

-2-

relative humidity 55-60%, visibility more 10 km.

Exacutor A.S.Savich

61.

INFORMATION LIST

of the results of abnomal atmospheric and space phenomena observations and their influence on the environment, living beings and technical means.

1. Time of observation:

On May 15, 1981 from 01.50 to 02.00 <time was fixed by watch>.

2. The character of the observed phenomenon.

It was observed one object in a form of a ball with some distinctive sectors and a bright shining centre of the fiery colour without any rays of light, without any accompanying sounds. In about a minute the "ball" turned into a sinusoid, and a central shining area began to come down and to the right. At the beginning of it's movement four parts began to disperse from the central part, if these four parts could be connected they would form a square with concave sides. While the spot was coming down it's brightness decreased and hid behind the horizon. A cloud of an irregular form was seen under this phenomenon at the horizon level, the cloud was of the red-hot colour which began to change it's colour <darken> during 2-3 hours. The

phenomenon lasted 4-5 min from the beginning of the phenomenon to it's end. the object was observed from different places at an angle of 30-35 degrees with movement to the south-western direction <The angle and direction were estimated visually>.

3. Estimation of the observed object's sizes.

Estimations were made visually. Angular sizes of the object were not measured. Geometrical sizes before the division of the central part were approximately 0,3x0,3 m. After that the sizes were impossible to be estimated.

4. Coordinates of the observed phenomenon and the places from which it was observed:

- from building 1A - by three observers;
- from post 1 of the inside guard-post one observer;
- from post 2 -"- one observer;
- from post 3 -"- one observer

An angular height above the horizon was about 30-35 degrees, the azimuth was not estimated. Angles were measured visually.

62.

-2-

5. Data about technical means registrations.

The phenomenon was not registered by technical means as it was observed during a short period of time.

6. No influence on technical means was observed.

7. Influence on people, living beings and technical means was not noticed.

8. Meteorological conditions during the observation:

-good visibility, cloudless sky, weak north-eastern wind, air-temperature about 0 C.

In the previous period no changes of the weather were observed, no accompanying atmospheric phenomena were noticed.

9. Information about observers:

The observation was made by one group of 3 persons and by four independent observers.

Senior engineer Zharikov Ivan Danilovich

Senior engineer Radouzkyi Vladimir Yurievich
Engineer Katochigov Anatolyi Nikolaevich
Company Commander Prokoshin Victor Vasilievich
Monitor maker Zhorin Yuri Anatolievich
Gunner Kudinov Yuri Ilich
Gunner Ulybyshev Victor Vladimirovich

10. The inquest of the observers and generalization of information was made by Vice-commander Zulgin Ivan Ivanovich MU 03340, May 15,16 1981

Signature

63.

INFORMATION LIST

of the results of abnormal phenomena observations.

1. Time of observation: 15.05.1981; 01.40-02.00 <time was fixed by watch>.

2-5. The character of the observed phenomenon, estimations of sizes, coordinates.

I was standing at the bus stop near the crossing of Veteranov pr. and Marshal Zhukov str. At 01.40 I saw a spot coming out of haze from the side of the village Avtovo <approximately from the south>. It's brightness was increasing. It was seen as 3/4 of the Moon disk. The disk was white-hot. It's outlines were distinctly seen but were changing constantly. The disk or the ball being more precise, was rising and moving in my direction. Therewith a bluish haze separated from it and formed something like two whiskas. The "whiskas" were lengthening as the object was moving and they were like an inversional trace of an air-craft.

Then the disk stopped above the crossing. The "whiskas" were passing ahead as waves from a stone thrown in water. When it stopped it's luminescence increased. The phenomenon attracted all people attention, 20 of them were standing at the bus stop, 10 were leaving the bus, and more than 10 from cars stopped at the crossing and standing there inspite of the fact that signal lights changed.

Different exclamations and comments were heard. A man got out of a car and cried that an atomic war had begun. He was drunk and was calmed quickly.

The whole effect lasted 20 min. Then the disk sharply came up at an angle of 60 degrees approximately to the east. It was seen worse and worse while coning away until it disappeared at last at 02.00. All cars from the crossing went away.

6-7 No influence on people except that written above was observed. No influence on technical means was noticed.

8. The sky was clear, the stars were seen, some clouds were seen at the horizon.

9. A lot of people pedestrians and passengers of the bus were observing the phenomenon at the crossing.

10. Captain Allenov Sergei Grigorievich, a student of VAS 198320, Leningrad, Kraenoe Selo, str. Golubko 17.

Captain Allenov

Signature

Right

Slusarev

194064, Leningrad, Tikhorezky pr., 3 faculty
25.

26.05.1981.

64.

To Commander of movement
service Dokolenko V.K.
from Controller Solodovnik
S.I.

On May 15 at Q1.45 Moscow Time a pilot taxing an air-craft TU-134 n.65067 attracted our attention to something rather unusual. A twisting shining yellow train was hanging above the eastern part of the town in the north-north-east from an air-port. A shaft of bright yellow light was coming from the middle part of the edge of the train. It was like a ray of a gigantic projector directed at an angle of 45 degrees to the earth. This train remained until late morning. A white train was coming as an arc above nearly in the zenith, it was very much like Northern lights, but without characteristic playing of colours. It was quickly moving to the south. It was a bright spot with 3-4 straight ray coming from it above the train. The spot seemed to be motionless, but in 20 min it was seen approaching the horizon. Lights, aims, hindrances were not registered in the screen of the locator "Krug" in R=35 km. According to crews' reports the phenomenon was seen <observed> from the beam of Pensa and stretched to Murmans and Helsinki.

May 22, 1981.

Right Signature

65.

To Vice-commander of
the air-port
Dokolenko V.K.
from controller
Suer G.O.

On May 15 at 02.00 I observed a rare phenomenon in the atmosphere. A bright shining spot with three long bright rays was seen at a lagge height. It was a shining arc at some distance from it. To the right from this spot clouds were or it was a smoke, which was also shining. After a while the spot began to decrease in size and went out. At the same time all others :cloudiness and the arc also stopped shining. the phenomenon lasted 15-25 min.

Suer G.O.

20.05.81.

66.

To Vice-commander of
the air-port
Dokolenko V.K.
from Controller
Alekseenko G.E.

On the night of May 15, at 02.00 a spiral like trace was seen above the town. it was like an air-craft's trace. The trace was ended by as if shining cloudiness. A bright shining spot with rays coming various sides from it was seen higher and a bit ti the left. Then the shining spot decreased in size and disappeared. The sky was cloudless, the stars were seen fine.

Alekseenko
20.05.81.

Right.

67.

To Vice-commander of
the air-port
Dokolenko V.K.
from controller
Bondar A.S.

On the night of May 15 at 01.30 <approximately> it was a report from crews from platform 1 about UFO, we switched off the light and saw in the northern part of the dark sky an unusually beautiful luminescence of a regular geometrical form.

Bondar A.S.

Right signature

68.

EXTRACT

from a recorded radio conversation with boards
65653,85300, on May 15 1981.

Time	CREWS	CONTROLLER
3.07	Yes, we are observing	Are you observing a shining train on the left?

Altitude, length?

Good

3.13	Leningrad 653	653 receiving
------	---------------	---------------

To my mind it is a usual inversional trace. Simply something flew there at a large altitude and left a trace which is shining.

635 clear

3.14	It finished somewhere at the 80th km. It is going from us to the north-east, higher about 10 km and more.	
------	---	--

635 Clear.

3.27 These are zigzags, it
coming far-far to
Murmans.

300 Not clear

3.28. 300 I am speaking that
these are zigzags above
us coming to Murmansk

300 clear, they are seen
since 2.00 during an hour
now diffused, they are like
trains.

Yes, they are seen
very far.

300 clear.

The extract was made by a technician.

Signature.

Right

69.

EXTRACT

from a recorded radio conversation with boards
65782 and 65134, on May 15, 1981.

Time

CREWS

CONTROLLER

01.49 782, look in the east a
strange phenomenon in the
sky.

In the east, yes.

Yes, in the east

How far?

Above your town, go out
and see.

Clear

01.53

134, I am Leningrad,
look on the left, do
you see any specific
luminescence in the
side of the town?

Yes, we have already
observed it on the
earth.

01.54

Where is it coming from?

It seemed to be at one place, trace from it is streyching to Helsinki

Clear.

The extract was prepared by a technician.

Right Signature

70.

To Vice-commander of the air-port Dokolenko V.K. from controller Shehenov A.V.

On the night of May 15, approximately at 2.00 I saw a spiral shining clouds <as an air-craft trace>above Leningrad. To the left from them<to the west> a bright spot with dispersing rays was seen in the firmament.

Shehonov A.V.

May 19, 1981.

Right Signature.

71.

INFORMATION LIST

of the results of abnomal atmospheric and space phenomena observations and their influence on the environment, living beings and technical means.

1. Time of observation:

May 15, 1981, from 01.40 to 4.00, Moscow Time, time was fixed by watch.

2. The character of the observed phenomenon:

Soldier Grigoriev was the first who observed the phenomenon at 01.40 from the territory of the objective 4560. He observed a fiery semi-sphere rising abit to the right along a straight line, up to the angular height of approximately 40-45 degrees. Fire was seen from the lower

part of the semi-sphere. The semi-sphere was hanging in the air and began to exhale something like a black smoke and decrease in size. The fiery semi-sphere came up for about 10 min. Then the semi-sphere turned into a light spot of the yellow colour, as large as a star and began to lose height radiating a weak glittering luminescence. The shining spot was seen also by Ensign Broshkov L.M., Captain Novikov N.I. from the territory of the objective 4560. The shining spot was coming down for about 10 min. Two threads of cloudiness were coming from the shining spot, they were broadening while coming up turning into arcs. One stripe was going to the west, another to the east. After 2 o'clock two clouds of an elliptical form were observed at the place, superimposed one on another with removal.

72.

-2-

The phenomenon was observed from 2.30 to 4.00 by Major Yuvchenko I.V., Lieutenant Nikolaev M.K., Lieutenant Smirnov I.B., soldier Polyansky V.I. from the roof of building 21 A of objective 4560, which corresponded to the height of 21 m. above the earth. The phenomenon was observed above forest as a part of an orange sphere, as the sunset, surrounded by a halo of the paler colour. The halo was seen in the northern part of the horizon. A formation very like a cloud was observed higher and to the right. It was shining with bright blue colour and having a form of two diffused ellipses hanging one above the other. Stripes shining with pale blue and crossing were coming from the cloud-like formation and the part of the bright orange sphere, they resembled an inversional trace.

From 2.30 to 3.00 the cloud like formation increased and came up and to the right. From 3.00 to 4.00 the phenomenon was motionless. Then the formation began to exfoliate and resembled fleecy clouds. After the dawn the phenomenon began to lose its colour and then disappeared.

The phenomenon was also observed from the CP of the town. From 2.03 to 4.00 according to Lance-corporal Kostuk B.E. the observed phenomenon was like in fog and resembled the ball of the yellow colour with a ray of light radiating from its centre, the ray was directed down right at an angle of 30-40 degrees. It was like a projector ray in fog. They were clouds of the yellow colour on the right and left of the ray. On the right it was observed a formation of the white colour resembling a cloud. A twisting train of the same colour was coming from the formation to a road going to a village. From 2.03 to 3.00 the phenomenon was motionless. After 3.00

approximately at 3.30 the left edge of the cloudiness began to rise and rose by 1-2 degrees.

73.

-3-

Then a cloud of the white colour and a ball after it began to rise slowly. This process continued until 4.00 min. After 4.00 the observed phenomenon began to disperse and resembled fleecy clouds. At dawn the phenomenon disappeared. No sounds accompanied the phenomenon.

3. Estimations of the observed phenomenon sizes:
Estimations were made visually. From the territory of objective 4560 the phenomenon was:

- a fiery semi-sphere was twice smaller than the Moon;
- the shining spot was as large as a star;
- the part of the bright orange semi-sphere was as the setting sun;
- the shining cloud of the blue colour was three times larger than the orange sphere;

From the CP of the town the phenomenon was:
the yellow ball as large as the Moon;
the cloud of the white colour was 10-15 times larger than the Moon;

4. Coordinates of the observed phenomenon and the places from which it was observed:

- places of observation: the territory of objective 4560 and CP of the town.

Coordinates of the observed phenomenon:
from the territory of objective 4560:
the azimuth - 0, an angular height 25-30 degrees;
from the CP of the town:
the azimuth - 0, an angular height 30-40 degrees.

All angles were estimated visually.

5. Data about technical means registrations:
The phenomenon was not registered by technical means.

74.

-4-

6. Influences on technical means:
No influence on technical means was observed.

7. Influences on people and living beings and the environment were not observed.

8. Meteorological and other conditions during the observation:

-the sky was cloudless, air temperature +10 C, no wind, the object was seen at the distance 10-30 km.

9. Information about observers:

A group of observers, seven in number.

Two independent groups of observers.

Major Yuvchenko

Captain Novik

Lieutenant Smirnov

Lieutenant Nikolaev

Ensign Broshkov

Lance-corporal Kostuk

Soldier Grigoriev

10. Name, job, address of the person who signed the list:

Engineer-captain Pugachev Boris Andreevich, MU 12556

Address: Solnechnogorsk-7, Moscow r.

Captain signature

May 26, 1981.

75.

INFORMATION LIST

of the results of abnormal atmospheric and space phenomena observations and their influence on the environment, living beings and technical means.

1. Time of observation: May 15, 1981, the beginning of the observation at 01.50 Moscow Time, the end - at 02.00. Time was fixed by watch.

2. the character of the observed phenomenon: It was observed one object in a form of a flattened ball of the silvery-white colour, without visible details. Firstly it was observed one ray directed to the earth and in a minute the object began to radiate bright rays in various sides and the first ray disappeared. A forestry territory under the

object was brightly lit. No sounds were heard. The ball was moving right-left, no vertical movements were observed. The process of the phenomenon progress: the object suddenly appeared from behind the forest in the northern direction. The colour was bright. Then a directed ray appeared and in 2-3 sec. the object became brighter and slowly moved and the directed ray disappeared. It became bright above the territory as at dawn. In 4-5 min. the object slowly came down beyond the forest in the northern direction.

3. Estimations of sizes of the observed object:

Estimations were made visually. A tree with a stem of about 20 cm. in diameter was situated at 150 m. distance and when the object began to hide behind the forest the stem covered the 1/20th part of the object.

4. Coordinates of the observed phenomenon and the places from which it was observed:

The rail-way station of Balasheika, Suzran d, Kuibushev r. The observation was made from the territory of the Military Unit near technical buildings and guard houses.

The direction of the observation: to the north, the height above the horizon - 30 degrees. Estimations were made visually.

5. Data about technical means registrations:

The phenomenon was not registered by technical means.

6. Influences on technical means:

A radio-navigation station and radio communicative apparatuses were in work at the time.

76.

-2-

No influence on them was observed. It was observed a failure in wire communication with the guard commander with two posts. As a result the guard couldn't report to the commander about the phenomenon appearance. Communication restored in 10 min. by itself.

7. Influences on people and other living beings and the environment:

Such influences were not observed.

8. Meteorological and other conditions during the observation:

Visibility - 3-5 m. The sky was clear, the moon was

shining. The northern wind was 5-10 m.per sec., air-temperature +3 C. Humidity and atmospheric pressure was not measured. Two previous days sharp decreasing of temperature was observed. Atmospheric phenomena accompanying the abnomal phenomenon were not observed.

9. Information about observers: the observation was made by two soldiers on duty, which were 500 m. from each other. Gunners of platoon of MU 18316: soldier Gograchadze Tamazi Demuralievich and soldier Davletmirzaev Salambek Said-Ahmedovich.

10. Name, job, post, address of the person who signed the information list and date when it was written:

Senior engineer of MU 18316 Akchurin Damir Mirzhanovich.
Address: 446760 st. Balasheika, Suzran d., Kuibushev r.
tel. 49-72 <Suzran>

The information list was written: 18.05.1981.

Senior engineer MU 18316 signature

77.

INFORMATION LIST

On May 15, 1981 from 1.50 to 2.10 <Moscow Time>, time was fixed by watch, it was observed an abnomal phenomenon. It was observed one phenomenon <Fig.> in a form of a ball shining brightly with white in the middle and yellow near to edges. The power of light was compatible with small projector with 500 W. bulb. In some second a cloud resembling an jet-planes trace appeared above the ball and was lit by the observed object. A train of smoke was coming up above the ball in the centre of the cloud. There were threads or thin rays coming down from the ball.

In 2-4 min after the beginning of the observation the ball began to lose it's brightness and the bright directed aside ray became more noticeable. The object of observation was moving slowly as with a parachute, and then in about 5 min. after the beginning of the observation it hang at one place, it hang for 1-2 min. and again continued it's movement slowly going beyond the horison, therewith the ray began to shorten <the ball seemed to turn around slowly>. At 2.10 <Moscow time> the object vanished from sight. The ball moved without the cloud. The last remained at it's place and soon dispersed. No smell or any sound was observed during the phenomenon. Visually the angular size of the object was

1-2 degrees. The diameter of the cloud was 3-4 degrees. The object was observed in the north-eastern part of the sky. The azimuth was 15 degrees <the place from which the observation was made - the command house of MU 62059>. An angular height was 10-15 degrees.

Meteorological conditions: no wind, rare clouds <no clouds in the place where the object was observed>, air-temperature +3 C. The phenomenon was observed by two independent groups, two persons in each of them.

Group 1 : the commander of post 3 and his assistant, they observed from the technical territory;

Group 2 : an officer on duty and his assistant, they observed from the commander house of MU 62059;

78.

-2-

Group 1 : senior gunner of the guard Bochkarev Sergei Stepanovich; address: Suzran, 1-Tambovskaya str. n.1A, ap.11; gunner of the guard Pankiva Nadezhda Vasilievna; address: Suzran, Frunze str., 56.

Group 2 : senior inspector of safety measures of MU 62059 Major of technical service Semenov Gennadyi Leonidovich; commander of transport of MU 62059, captain engineer Suprunov Vyacheslav Alekseevich.

Lieutenant-engineer Isaev

79.

FIGURE
of the shape of the observed phenomenon.

80.

INFORMATION LIST

of the results of the abnormal phenomena observations.

1. Time of observation 15.05.1981, 01.20-02.30 <approximately>.

2-5. The character of the observed phenomenon, estimations of sizes, coordinates.

We were on duty patrolling the road, when saw from Kuzmovo to the side of CP-5 a shining spot was flying <the end of

Kultura pr. along an avenue>. Approaching us it increased in size and turned into a ball. It was about three times smaller than the Moon. On nearly reaching the place of observation, the ball separated from the shining clouds and went away to the north-west.

6-7. Influences on people, the environment and technical means were not observed.

8. The sky was clear with light clouds near the horizon.

9. It was observed by a group of two inspectors of the road patrol of Vuborg region sergeant Kolotukhin Mikhail Nikolaevich and Gurenko Yuri Ivanovich.

Sergeant Kolotukhin M.N.

Sergeant Gurenkov Yu.I.

Right Slusarev P.V.

29.05.1981 194764 Leningrad, pr. Tikhorezky 3,
faculty 25, tel. 248-68-25

81.

INFORMATION LIST

of the results of abnormal phenomenon observations.

1. Time of observation: May 15, 1981, from 01.30 to 04.00.

2. Place of observations:

CP-1 GAI <Lahta> the 15th kilometer of the Primorskoe avenue.

3. Observers: a road inspector of Division 1 of GAI in Leningrad, Lieutenant Fleschkov Vasilyi Mikhailovich, Master sergeant Aleksandrov Vyacheslav Vasilievich.

4. The character of the observed phenomenon, estimations of sizes, coordinates: at 01.30 we noticed a shining spot with a bundle of light directed down as from an electric lamp under a shade which was situated above an aerodrome. Firstly it seemed motionless, and then began to move in our direction <to Lahta>. As it was moving a shining ball was forming around the spot. The surface of the ball was as if

corrugated. The luminescence was constant, but as the ball was increasing it was decreasing.

When it passed a river it was moving along the rail-way and road at an altitude of about 500 m. On approaching Lahta the ball had increased so that it's luminescence occupied the 1/4th part of the sky.

Suddenly the ball disappeared. Only stripes resembling air-crafts' inversional traces left. They were like two arcs as two halves of a circle.

The phenomenon was observed by a driver of ZIL car, who was delayed at the CP, and also by a brigade of an ambulance, which had come from Olgino <they observed the phenomenon there>.

Influence on technical means, people and the environment was not observed.

Lieutenant Pleshakov V.M.
Senior sergent Aleksandrov V.V.

Right Slusarev P.V.
194064, Leningrad, Tikhorezky 3,
faculty 25, tel.248-68-25

26.05.81.

82.

INFORMATION LIST

of the results of abnomal atmospheric phenomena observations.

- 1.Time of observation: May 15, 1981, from 01.30 to 04.00
- 2.The place of observation: crossing of Lunacharskogo str. and pr.Kultura in Vuborg d.in Leningrad.
- 3.Observers: inspectors of a road patrolling service of GAI Senior sergent Rul V.A. and Sergent Shkaraba V.N.
- 4.The character of the observed phenomenon:
At 01.30 we saw a smoky zigzag track coming from house 31, pr.Kultura <Fig.1>. Firstly we thought that it was a signal "rocket".In the upper part of it something dark was. Then we pricked up our ears: two not bright "whiskers" separated from the "rocket".There was a brightly shining oval with a brighter spot inside between the "whiskers" <Fig.2> As the "rocket" was moving a shining object was increasing in size and brightness. It seemed to us that it was in the side of the Vasilievskiy island. We didn't notice

when the "rocket" separated from the shining oval, but saw that it came up and disappeared. The oval continued to spread, lose it's distinctive outlines and was in a shape of shining around clouds, which were observed until 04.00 <Fig.3>

5. Estimations of the observed phenomenon sizes. Firstly it was small <as a usual "rocket">, then it was large <couldn't be covered by two palms of stretched hands>.

6. Influence on technical means <a patrolling car, and small radio station RT-70> was not observed.

7. Influence on observers was not noticed. It is necessary to examine the possible connection with the accident on the road, <a woman was killed by a tram> at the same time.

83.

-2-

Meteorological conditions: clear, moonlit night, a weak wind.

Inspector Senior sergent Rul V.A.
Inspector Sergent Shkaroba V.I.

Right Slusarev P.V.
194064, Leningrad, Tihorezky pr., 3,
Faculty 25, tel. 248-68-25

84.

INFORMATION LIST
of the results of abnormal phenomena observations.

1. Time of observation: May 15, 1981, from 01.55 to 02.02
<by watch>.

2. The character of the observed phenomenon:

- it was observed only one object;
- it was in a shape of two plates put together without any visible details;
- of the bright blue-white colour;
- diffused white-blue rays, directed in various directions from the object;
- no sounds were heard;
- it's trajectory was like a rising spiral;
- the observation was made from Tihorezkaya pr., h. 9/4, in the side of Nauka pr., the object was seen at an angular

height 15-25 degrees. A trace was following a moving object, it was like a trace behind a jet-plane. At the beginning of the observation the object was at the height equal to two or three heights of a five-storey building. The diameter of the object was equal to the size of it's front part, and it's height was as one storey of the above mentioned five-storey building. During the observation an ambulance went past <RAF car, I don't remember the number>. I showed to the object and the ambulance brigade also noticed it. At the time the object was at a distance to the north-west and higher above the earth. The ambulance stopped at the middle entrance of building 9/8 of Tihorezky str. In 2-3 min. I came up to a driver and we exchanged opinions. During this time the object went away decreasing in size, but continued shining and left a trace behind. We stopped our observation when it vanished from sight.

The phenomenon lasted about 7 min.

3. Estimations of sizes were made only visually.

4. Coordinates of the observed phenomenon and it's sizes and coordinates of the places from which the observation took place are mentioned in p.2.

5. Technical means for registration were not used.

85.

-2-

6. Influence on technical means <watch, a car engine and it's radiostation> was not observed.

7. Influence on people and other living beings was not noticed.

8. Meteorological conditions:

- visibility and cloudiness is difficult to estimate;
- a weak wind <direction and rate was not determined>
- air temperature about +10 C;
- humidity and atmospheric pressure unknown;
- no changes of weather were observed previous days;
- no rain;

9. Information about observers - there were three of us there: me and an ambulance brigade, whose names I don't know.

Name, post, address of the observer:

Major-engineer Shevelev Vladimir Anatolievich, Leningrad communication military college after Lensoviet.

Job tel.:278-99-67, 278-99-07;
Address: 195249, Leningrad pr.Nauki 15,ap.128.

Major-engineer Shevelev

May 26,1981

The information list was written together with
Colonel-engineer Bushuev I.I.,Military Communication Academy,
194064, Leningrad, pr.Tihorezky 3, Faculty 22, tel.248-68-22.

Colonel-engineer Bushuev I.I.

Right: an organizer of observations in Military
Communication Academy,Colonel-engineer Slusarev
194064, Leningrad, pr.Tihorezky, Faculty 25, tel.248-68-25.

86.

INFORMATION LIST

of the results of abnormal atmospheric and space
phenomena observations and their influence on the
environment, living beings and technical means.

1.Time of observation:

-May 15,1981. The beginning at 1.47 and the end at 04.30
<Moscow Time>.Time fixed by watch.

2.The character of the observed phenomenon. A fiery-red
track appeared from behind the horizon in the north-east
part. It was about 1.47 Moscow Time. Then in the head part
of the track white broad patterns with blue tint, which
began to increase in size and length. Then it transformed
into a form of a huge ballon and moved from the north to the
south. Then luminescence began to broadn in it's head part.
The impression was that it was near to blow over the earth.
The lower part spreaded to the very earth. All this time it
continued it's movement from the north to the south.

At 1.48 the process stopped. A hole or a part of the clear
sky appeared in the centre, and then a bright white spot was
seen in the centre. Then, approximately in 1 sec. it went
back with a slight deviation to the north-west leaving a
short train. In about 5-8 sec. the spot disappeared.
Immediately after that the cloud and broad patterns <Fig.3>
began to dissolve.

At the moment when that was happening <Fig.2> the
following processes were observed: on the right of the

flight, near the track above the horizon a fiery-red luminescence appeared in a shape of a cross formed by red spots which began to shine with white-yellow, then again was going out to red. This process repeated twice. Then this spot began to follow the phenomenon. When the first cloud dissolved, and as if landed, the spot transformed <Fig.4> and stopped. It remained in this new form until 3.30 and then began to dissolve. Firstly the left part and then the right, upper, central and lower part condensed, and became yellow-red. It was about 4.30.

87.

-2-

3. Estimations of sizes of the observed phenomenon:

-estimations were made visually;

-approximate sizes in degrees in Fig.3. The front part of the cloud was 60 degrees. The height of the upper edge 70 degrees. The hole in the centre <the clear part of the sky> was twice as large as the sun in comparison.

4. Coordinates of the observed phenomenon and places from where the phenomenon was observed:

-the place of observation was at a distance of 700 m. from the village of Krechevizy to the east.

5. Data about technical means registrations:

-no information;

6. Influence on technical means:

-no information;

7. Influence on people and other living beings and the environment:

-sounds were not heard;

8. Meteorological and other conditions during the observation:

Time	1.00	2.00	3.00	4.00	5.00
Visibility	10km.	10km.	10km.	10km.	10km.
Clouds	clear	clear	clear	clear	clear
Wind direc.	300	310	300	370	310 degrees
speed	4m./sec	3m./sec	5m./sec	4m./sec	3m./sec
Air temper.	8,0	6,2	4,0	2,6	2,3 C
humidity	44%	39%	42%	35%	37%
pressure	764,5	764,6	764,6	764,6	764,6

9. Information about observers:

- a singular observer

Lebedev Vladimir Ivanovich - technician

signature

10. The information list was written by forecaster Potapov Mikhail Pavlovich.

Address: 173022, Novgorod-22, MU 65204

18.05.1981. signature

88-92.

FIGURES

93.

INFORMATION LIST

of the results of the abnormal atmospheric and space phenomena observations and their influence on the environment, living beings and technical means.

1. Time of observation:

May 15, 1981, from 1.30 to 4.00 <Moscow Time>. It was fixed by watch.

2. The character of the observed phenomenon:

It was observed a singular object in a form of a shining ball as bright as a luminescent lamp. There was a shining centre as a dense circle brighter than the moon inside the ball. No sounds were heard. The whole ball was crossed by a column of light resembling a light of a projector. This phenomenon was observed during 15 min., then the outward circle turned by 45 degrees and then continued to be in this azimuth, but the form of it began to change and took different geometrical forms.

Two thin shining rays were coming up and two were coming down symmetrically from the centre of the object, on the both sides of the object there were two formations of an elliptical form and the same four rays were coming from them two from one formation and two from another.

Left down from the object a formation of a spiraf form

was observed <7-8 turns>, the phenomenon dissolved and disappeared at dawn.

3. Estimations of sizes of the observed phenomenon:
Estimations were made visually. The ball was approximately 15-20 cm. at a stretched hand distance.

4. Coordinates of the observed phenomenon and places from which the object was observed:

Places from which the observation was made: CPF-3 and hostel 10 of the town.

94.

-2-

5. Data about technical means registrations:
the phenomenon was photographed by a camera Zenit-E from one point and with intervals of 1 min. against the background of the sky, since 2.00. <aperture 3,5, exposure from 5 to 30 sec., film 65>

6. Influence on technical means:
Influence on technical means was not observed.

7. Influence on people and other living beings and the environment:

Light influenced on people.

8. Meteorological and other conditions during the observation:

-visibility is fine, the cloudless sky, no wind, air temperature approximately 10 C., no inversional traces were observed.

9. Information about observers:

Firstly the observation was made by Captain Hitrick S.I. during 30 min., then from CPF 3 with a group of observers, they are written in the information list of MU 12556.

Engineer Hitrick S.I.

10. Name, post, address of the person who signed the information list and date when it was written:

Commander of the department, Colonel-engineer Nikolaev Evgenyi Fedorovich, Solnechnogorsk, Moscow r., MU 03366

Lieutenant colonel engineer Nikolaev

signature

May 16, 1981.

95.

INFORMATION LIST n.1

of the results of abnormal physical phenomena observations and their influence on the environment, living beings and technical means.

1. Time of observation:

May 15, 1981, at night, the beginning of the observation 01.30-01.35 the end of it 02.05, the end was fixed by watch, the beginning was approximate <Moscow Time>

2. The character of the observed phenomenon:

-an observed object - one;

-a ball form, of the bright white colour;

According to information of observers from Tallinn the object had three rays of light directed to the north, south with some angle to the earth and one ray was vertical. A light grey stripe resembling a rainbow was above the object.

According to information of observers from Paldisky, the object had no rays of light, but it was surrounded by a light spot of the yellow colour, and there was a dark spot above the top of the object.

-no sounds accompanied the phenomenon;

- as to observes from Tallinn information the object was coming down for some time then it was motionless during about 10 min. then began to move in the horizontal direction to the north, north-east, until it disappeared at all.

-according to information given by observers from Paldisky, the object came from the north, it began to brake near the peninsula of Pakri and it was increasing in size, after that it was motionless for some time above the peninsula, then turned around by 180 degrees, began a quick movement to the north. At 03.10 far in the sea <somewhere near Finland's shore it was observed a short luminescence in the sky.

3. Estimations of sizes of the observed phenomenon:

- estimations were made visually;

- in comparison with the size of the full moon, the size of

96.

object was 1-1,5 less.

4.Coordinates of the observed phenomenon and the places from which it was observed:

Tallinn, Paldisky.

An angular height above the horizon was:

- according to observers from Tallinn - 35-45 degrees;
- according to observers from Paldisky - 10-15 degrees;

5.Registration by technical means was not made.

6.Influences on technical means were not observed.

7.No influence on observers and living beings and the environment was not noticed.

8.Meteorological conditions during the observation according to the information of hydrometeorological station 119 in Tallinn

- no other atmospheric phenomena were observed;
- visibility - 10 km.
- clouds of 2-3 force, fleecy, at the height of 10 km.
- wind direction and speed - 230 degrees, 1 m./sec. near the earth;
- at 2000 m. -285 degrees, 2-6 m./sec.
- air temperature near the earth +3 C, humidity - 69%, at 1000 m.-42%, at 2000 - 15%;
- water temperature +5 C;
- atmospheric pressure 1025 ;
- the full moon,

9.Information about observers:

Tallinn- a group of observers - 3 persons;

Paldisky<is.Sur-Pakri> a group of observers - 4 persons;

Besides the observation was made by personnel of MU 21891.

97.

-3-

The number of independent groups - 3, on the whole 7 persons <not taking into consideration those from MU>

TALLINN

- | | |
|------------------------------|----------------------------|
| 1.Warrant officer Boiko D.F. | Senior instructor MU 20405 |
| 2.Sailor Vitkovsky V.A. | MU 20405 |
| 3.Sailor Kazansky I.Yu. | --- |

PALDISKI

1. Lieutenant-colonel Kuchma Yu.K. Militia commander in Paldiski
2. Major Shapovalov V.D. Commander MU 39078
3. Warrant officer Kruglik G.I. MU 39078
4. Yasko V. Service man

The observation was made from the earth.

Commander of Basic Meteorological Station 119
Captain-lieutenant Demin

Right: Commander, Hydrometeorological team 452
Colonel-engineer Shvarenok

98.

INFORMATION LIST

of the results of abnormal atmospheric physical phenomena observations and their influence on the environment, living beings and technical means.

1. Time of observation:

May 15, 1981, from 01.43 to 01.51, time was fixed by watch <Moscow Time>.

2. The character of the observed phenomenon:

An object appeared in the azimuth of 50-55 degrees at an angle of 30-40 degrees to the horizon <angles were estimated visually>. It was a singular object. It was in a form of a shining ball. When the object was approaching the aerodrome a tail like a comet's tail was observed. The luminescence of the object was bright and white. As to Commander Rubalko V.V. whose air-craft was approaching to land at the time, it became even brighter in the pilots' cabin. It was a shining cloud around the object which continued its movement after the object's disappearance. At the beginning of the process there were two rays directed to the earth. Then the rays flew in one. When the object moved away from the aerodrome this ray was directed in the previous direction. Besides that there were curved rays like arcs of a circle of a rather large radius around the shining ball. No sounds accompanied the phenomenon. All processes took place in one plane - horizontal. The turn was made slowly and the

object moved away at an angle of 10-15 degrees to the place of observation. The speed of the object when it was moving away was rather high and it was a shining ionized area in front of the object. The observers noted the large altitude above the earth.

To pilot Gilevich's words, who was fulfilling the task to the east of Turba, on leaving zone 6 <altitude 1800m.> he noticed a ray of light in a cone's form above Tallinn. The town of Tallinn was lit very well by this ray. It was as powerful as a ray of a very powerful projector. The light was white. Then the whole lit up area <a cone, it's base - Tallinn> was filled with smoke. The observation was stopped. The source of light was not observed.

99.

-2-

3. Estimations of sizes were made visually. It was as large as the moon.

4. The object was observed from the aerodrome of MU 21891 by the personnel at the CP, at the commander's post, at the filling station and also by pilots during flights. The pilots were Gilevich P.Yu. and Rubalko V.V.

5. The object was not registered by technical means.

6. Influences on technical means, instruments were not observed.

7. Influences on people and other living beings were not observed, except visible light.

8. Meteorological and other conditions:

- visibility - more than 10 km.
- cloudless;
- no wind;
- air temperature +6 C;
- relative humidity 72%;
- pressure 1021,9

No sharp changes of temperature and pressure and dangerous weather phenomena were not observed before that day.

No atmospheric phenomena: rain, fog, haze, inversional traces were not observed.

9. The object was observed by the following groups of

people:

- a group of flight commanders at the SCP;
- a group at the commanders' post;
- a group of engineers at the engineers' CP;
- a group of pilots and service personnel;

100.

-3-

- a group of technical personnel at the filling station;
- pilots Gilevich and Rubalko;

Signatures

Commander of the staff MU 21891
Colonel Nesterenko

Right: Commander of Meteorological team 452
Colonel-engineer Shvarenok

101.

INFORMATION

about the results of an unknown phenomenon observation
in the region of an aerodrome in Veshevo.

On may 15 1981, at night, from 01.45 to 02.00 (Moscow
Time) from the aerodrome in Veshevo the following phenomenon
was observed:

At the beginning of the observation in the east (at the
azimuth of 70 degrees) a shining glow similar to clouds lit
by the rising moon. but brighter appeared from behind the
horizon. Then a shining spot as large as a planet or even
larger appeared from the glow.

Three rays were coming symmetrically from the shining
object. The object was moving across the sky in the
direction of the aerodrome with a heading of 240-260 degrees
and it's rays were slowly turning clockwise.

As the object was coming nearer it's rays became more and
more distinctive. The rays near the object were even,
geometrically regular and brighter. Further from the object
they were dispersing and curved in the direction from which
the object was moving. besides that the object and rays were
surrounded by a weakly shining sphere. The object left a
trace of diffused clouds, lit by the sun. The trace was
changing in time but was seen until 04.00.

In 5-7 min. after it's appearance from behind the horizon

the object reached the place with coordinates: the azimuth 50-60 degrees and an angular height 30-40 degrees. At the moment the angular size of the phenomenon without a trace was about 15 degrees. At the place the object stopped for 30-40 sec. but the turning of the rays continued.

At the time a dark spot with uneven edges appeared around the shining spot, the dark spot disappeared in some seconds.

After this the object turned at one place and changed it's course, the new course was approximately 30 degrees.

From the object separate, weakly shining clouds forming a torn in places circle were coming. In 5-7 min. the object hid beyond the horizon.

3. Estimations of angular sizes were made visually.

102.

-2-

4. The object was observed by a large amount of service men from the aerodrome and from the CP and by several crews in the air.

5. All radio location systems were used in all regimes but the object was not registered. Only the trace of it was photographed by the "Zenit" camera.

6. No influences on technical means, radiolocation systems, navigation instruments were observed.

The level of radiation was invariable.

7. No influences on people and other living beings were observed (only surprise and curiosity).

8. Meteorological conditions during the observation:

-cloudless;

-good visibility;

-wind near the earth 240 degrees, 3m./sec.

-air temperature +7,8 C;

-humidity 38%;

-atmospheric pressure 763,1mm.;

-in previous days the weather was the same;

-no atmospheric phenomena accompanying the object were observed.

9. The phenomenon was observed by many service men in groups and singular. Their reports and drawings of the observed object are presented.

Commander of MU 61849

Lieutenant colonel Leichenko S.D.

15.05.1981.

103.

INFORMATION LIST

of the results of abnormal atmospheric and space phenomena observations and their influence on the environment, people, living beings and technical means.

1. Time of observation:

-May 15, 1981, the beginning of the observation 01.50 the end of the observation 02.08 <Moscow Time>

-time was fixed by watch;

2. The character of the observed phenomenon:

-the number of observed objects:

It was a singular abnormal atmospheric phenomenon.

-form, visible details, colour, brightness:

It was like a sphere with sharp outlines with a cloudy formations in the form of two arcs above and below. The cloudy formation was like fleecy clouds.

-rays of light:

There were no rays at the beginning of the observation, then a cone like ray appeared, it was directed up, and the cloudy formation began to disperse a little. At the second part of the observation a red glow was in front of the observed object.

-the character of sounds accompanying the phenomenon:

No sounds were heard.

- the peculiarities of the object's movement:

It was moving in the north-eastern direction with a low speed.

-duration of the phenomenon:

The phenomenon was observed during 8 min. until it disappeared at all.

3. Estimations of the object's sizes:

Estimations were made visually. The sphere was 1/3 of the moon's size. the length of the ray was approximately 3-3,5 sphere's diameters.

-2-

4.Coordinates of the observed phenomenon:

- the place from which the observation was made:

Pskov,Meteostation, MU 22643.

-the azimuth, and angular height above the horizon:

The observed object was in the north-eastern direction from the place of observation at 30-40 degrees.

An angular height was 30-33 degrees above the horizon.<measured by a theodolite>.

5.Data about technical means' registrations:

No technical means were used.

6.Influences on technical means:

No influences on technical means were observed.

7.No influence on people and other living beings was observed.

8.Meteorological conditions during the observation:

-visibility more than 10 km.

- no clouds;

-wind 20 degrees, 1m./sec.;

-air temperature +5,0 C.

-humidity - 764 mm.

The meteorological conditions in the previous period were usual.No sharp changes of temperature and pressure were observed.

9.Information about observers:

-a group of five persons;

Data about the observers:

1. Junior sergent Hayasov Rafkat Shaukatovich - a commander of a company;

2. Soldier Kutin Sergei Alekseevich - a mechanic;

3. Soldier Metodiani Roman Vladimirovich - a mechanic;

4. Soldier Muradov Yusun Ergeshevich - a mechanic;

-3-

5.Soldier Serui Yuri Vladimirovich - a forecaster;

Meteo service commander, Captain Soloninka

MU 22643

106.

To Military Units Commanders
Only: To Commander of MU 73790

Military Unit
32103
12.06.1981

I send to you the information list of the results of abnormal atmospheric and space phenomena and their influence on the environment, living beings and technical means.

INFORMATION LIST

of the results of abnormal atmospheric and space phenomena observations and their influence on the environment, people and technical means.

1. Time of observation:

- May 22, 1981, 00.08 <Moscow Time>
- Time was fixed by watch.

2. The character of the observed phenomenon:

- two objects were observed;
- the objects' form was not seen, it was very dark;
- the objects left long fiery trains. The first object's train was longer and broader than that of the second;
- no sounds accompanied the phenomenon;
- the objects moved strictly horizontally, the speed was very high.
- no changes in the form of the trains were observed;
- the phenomenon lasted about a minute;

3. Estimations of the object's sizes:

- the phenomenon was observed near building 413, and was moving in the south-eastern direction, sizes were not estimated;

107.

-2-

4. Coordinates of the observed phenomenon and the places from which it was observed:

- the village of Golizino-2, Moscow r., Odintsov d.

5.Data about technical means' registrations:

-technical means were not used;

6.Influence on technical means was not observed;

7.Influences on people and other living beings and the environment were not observed.

8.Meteorological and other conditions during the observation:

-visibility - not estimated;

-the sky was dark, no stars, it had been rained;

-no wind;

-air temperature about 15 C;

-no atmospheric phenomena were accompanying the abnormal phenomenon.

9.Information about the observers:

Meshkov Vyacheslav Borisovich, senior engineer-tester, department 54, MU 32103-B,143040,Golizino-2, Moscow r.,Odintsovo d.,pr.Mira, h.2, ap.186, tel.443-90-06, 22.05.1981.

10.Acting as a commander of department 106, MU 32103 Kleimenov Valeryi Ivanovich, tel.443-90-11, 22.05.1981.

Commander of the staff MU 32103

Major-general Ivanov

108.

Moscow, A-284

To Commander of MU 26296-G

Military Unit

26267

June 17 1981

n.312

INFORMATION LIST

of the results of an abnormal phenomenon observation.

On May 22,1981, at 00.08 in the region of Malino near Moscow , it was observed a movement of an object with a shining train from the north-west to the south-east at an angle of 20-30 degrees to the horizon.

In 1-2 min. the luminescence stopped.

No influence on technical means, people and the environment was observed.

Meteorological conditions in the place from which the object was observed:

- visibility 6-8 km., a slight haze;
- 4-7 force clouds at middle heights and 3-5 force cumulus clouds at the height of 1000-1500m.
- quiet;
- temperature 10,2 C;
- relative humidity 92-95%;
- pressure- 752,6 mm.

The observation was made by a group of service men with Lieutenant-colonel nasarov at the head, by a forecaster on duty Senior Lieutenant Luzgin M.V. and Junior forecaster soldier Mirziv A. and others.

Signatures:	Lieutenant-colonel	Nasarov
	Senior lieutenant	Luzgin
	Soldier	Mirgasiev

the list was written according to observers' words on May 22, 1981.

Commander of Meteoservice of MU 26267
Captain Feshehonzev.

109.

INFORMATION LIST

of the results of abnormal atmospheric and space phenomena observations and their influence on people, the environment, technical means.

1. On June 4, 1981, at night time from 23.00 to 00.40 of June 5, 1981 <Moscow Time> it was observed an object as large as a star with a constant yellow luminescence. Time was fixed by watch.

2. Only one object was seen.

the object was of a round form, and brighter than the star. No rays were observed. No sounds were heard. The object was moving changing it's course with different speed <300 - 800 km.per hour>, then it hang with a sharp turn by 90 degrees.

During flights it was observed by indicators of R/L system P-12 at the azimuth 115-120 degrees at a distance of

35 km. An altimeter PRV-11 measured the height of the aim, at 30 km. -2000m., it's course 300 degrees, at 25 km - 1500 m., it didn't answer any signals. It's speed was 850-900 km.per hour.

3. Estimations of sizes were made visually and by R/L systems P-12.

It was as large as a star.

4. the object was observed from the CP of the aerodrome Proton at the following azimuthes, distances and heights:

A degrees	D km.	H m.
43	15	2700
50	15	2800
53	15	2800
145	18	2700
140	15	2300
125	11	2300
118	11	2300
113	11	2300
109	11	2300

110.

-2-

103	11	2300
100	11	2300
98	11	2300
93	11	2300
88	13	2300
82	15	2300
85	15	2300
89	15	2300
64	20	2100
69	20	2100
63	11	2100
65	11	2900
67	15	2900
76	15	2100
83	19	2000
87	11-17	2100-3100
67	12	2100

6. The object didn't influence electric equipment, it was registered by R/L systems and was seen in the R/L screen as a shining spot. Influences on radioelectronic systems and other technical systems were not observed.

7. Influence on people was not observed.

8. The weather during the observation:

Cloudless, haze, visibility 6-8 km. Wind- 130 degrees, speed 2-3 m./sec. Air temperature +15 C- +16 C, P-741,2. Humidity 82%

Mind at different heights:

Height km.	Direction degrees	Speed km. per hour
1,5	285	18
3	285	18
5,5	285	44
7,0	315	69
9	330	72
10	350	90
12	335	90

9. The object was observed:

Commander of flights of MU 36795 Guard
lieutenant-colonel Ostrouhov, Commander of PDS of MU 36795
Captain Dumov, Commander of landing of MU 36795 Guards
captain Lebedev, Commander of meteoservice of MU 36795 Guards
captain Homutov, Senior navigation officer Senior lieutenant
Baronenko, Senior pilot Guards captain Amelchenko, Officer of
the controlling department

111.

-3-

of MU 36795 Guards senior lieutenant Bisukov, Navigation officer, Guards senior lieutenant Shreder, Captain Butusov, navigation officer, guards senior lieutenant Sinitzin, Commander of the CP of MU 36795 Guards captain Korolev.

10. The information list was written on the grounds of witnesses' reports and R/L system's data.

Commander of the staff of MU 36795

Safiulin signature

112.

INFORMATION LIST

1. June 24, 1981, at 01.23 <Moscow Time>

Place of observation: the village of Bolshevo-1,
Moscow r.

2. White cigar-shaped strips <5 of them> were observed
near the zenith.

DRAWING

These stripes were not bright and stars were seen
through them. They were as bright as clouds. An orange
cigar-shaped column was observed near the horizon separately
from the stripes. It was rather bright <brighter than the
rising moon>. The object was not moving, no sounds were
heard. the phenomenon didn't change during the observation.

3. Estimations of sizes were made visually. the bright
orange object was 10 degrees long and 1 degree wide.

4. The object was observed at the zenith. The place of
observation was near the lake <11.40-11.50> and the column
was seen near the horizon <00-00.10> the bright-orange
object was in the south vertically to the horizon. Angles
were estimated visually.

5. Technical means were not used.

6. Influences on technical means were not observed.

7. Influences on people were not observed.

8. Visibility was good, light cumulus clouds.
It was no rain, haze, inversional traces.

9. The number of observers - two.

10. Captain-engineer Klimenko

Signature
24.06.81.

113.

Meteorological conditions before and during
observations.

October 15, 1981 Flights were held from 6.00-18.00

- 6-10 force clouds, cumulus, some rainy.
- short rains;
- stormy weather;
- visibility 6-8 km.
- wind 260-290 degrees, 15 m./sec
- air temperature +4,+8 C.

October 16, 1981, Flights were held from 16.00 to 24.00

- 7-10 force clouds, cumulus rainy;
- the lower frontier 500-800 m.the upper frontier 3000-4000 m.
- short-term rains;
- haze;
- visibility 6-10 km. during rain - 4-6 km.;
- air temperature +5--8 C.

October 17, 1981.

- 6-10 force cloudiness, cumulus, the lower frontier 400-600 m.
- haze;
- visibility 6-10 km.,during rain 2-4 km.;
- wind 200-210 degrees, speed 7-10 m./sec.
- air temperature +8--10 C.