

PROJECT 10073 RECORD CARD

1. DATE 22 August 1956		2. LOCATION Bornholm, Denmark		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon	
3. DATE-TIME GROUP Local _____ GMT 22/2050Z to 2359Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar		☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft	
5. PHOTOS ☐ Yes ☒ No		6. SOURCE <i>Relayed by Naps USAF</i> Bornholm Radar,		☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Anomalous	
7. LENGTH OF OBSERVATION approximately 3 hours		8. NUMBER OF OBJECTS four		9. COURSE	
10. BRIEF SUMMARY OF SIGHTING R. dars first reported 2-3 objects on an easterly heading at 700 knots, no altitude given. Approximately 2 hours later 4 appeared, but were orbiting over the location (53 dgr, 20 min N - 18 dgr 00 min E) at 25,000ft altitude and 700 knots. About 1½ hours later tracks faded.				11. COMMENTS The appearing & disappearing of tracks on the radar scope is characteristic of "spurious blips." The fact that the obj's were "orbiting" over one spot at 700 knots supports this conclusion. Location surveyed is approximately 50 miles south of Danzig, Poland. The above characteristics (orbit at high speed) make it highly improbable these objects, if actr were Soviet guided missiles.	
12. CONCLUSIONS ☒ Other <i>propagation</i> ☐ Insufficient Data for Evaluation ☐ Unknown					

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

UNCLASSIFIED

158E
28/1911/aw

PRECEDENCE	TYPE MSG (Check)			ACCOUNTING SYMBOL	ORIG. OR REFERS TO	CLASSIFICATION OF REFERENCE
ACTION	ROUTINE	BOOK	MULTI	SINGLE	AFOIN 43261	CONFIDENTIAL
INFO						

FROM: COMDR ATIC

UNCLASSIFIED

TO: DI HQ USAF WASH DC

Classification Cancelled
(or changed to _____)
Auth. _____
By _____
Date 27 Jan 69

FROM: AFOIN-4E4

REFERENCE YOUR TT MESSAGE AFOIN 43261 REGARDING BORNHOLM UFO SIGHTING. DETAILED DATA REQUESTED TO FORM FINAL CONCLUSIONS NOT RECEIVED AS YET. HOWEVER ALL DATA STRONGLY POINT TO ANOMALOUS PROPAGATION. ALSO REFERENCE PERSONAL MEMO TO GENERAL LEWIS DATED 4 OCT 56 RE QUERY WHETHER UFOS GUIDED MISSILES. UNLIKELY THAT CURRENT EVALUATION WILL CHANGE, UNLESS REQUESTED DATA OF SUCH UNUSUAL NATURE AS TO DICTATE OTHERWISE.

DOWNGRADED AT 2 YEAR INTERVALS:
DECLASSIFIED AFTER 12 YEARS.
DDQ DIB 5200.10

COORDINATION

AFOIN-4E4

Henry A. Miley DATE 23/1/57

AFOIN-4E1

R. L. James DATE 23 Jan 57

Col Hoffman

4X1

+X2

Francis A. Miley

25 Jan

Chie Yang

25 Jan

AF-445

DATE	25	TIME	1100
MONTH	JAN	YEAR	57

SYMBOL

AFOIN-4E4

TYPED NAME AND TITLE (Signature if required)

Capt G. T. Gregory

PHONE

69216

PAGE NR.

1

NR. OF PAGES

1

SE

SIGNATURE

TYPED (or stamped) NAME AND TITLE

ROBERT E. O'CONNOR
Captain, USAF
Assistant Adjutant

Bornholm 4-9

UNCLASSIFIED

UNCLASSIFIED

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

10789

PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO
 CATEGORY B ENCRYPTION—PHYSICALLY REMOVE
 ALL INTERNAL REFERENCES BY DATE-TIME GROUP
 PRIOR TO DECLASSIFICATION BY DATE-TIME GROUP
 REFERENCE IF THE DATE-TIME GROUP IS QUOTED

FROM: (Originator)

COMDR ATIC

TO:

DI HQ USAF WASH DC

AC

PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO
 CATEGORY B ENCRYPTION—PHYSICALLY REMOVE
 ALL INTERNAL REFERENCES BY DATE-TIME GROUP
 PRIOR TO DECLASSIFICATION—NO UNCLASSIFIED
 REFERENCE IF THE DATE-TIME GROUP IS QUOTED

INFO: HQ

COMDR 4602d AISS, ENT AFB
 COLORADO SPRINGS, COLO

FROM: AFOIN-4E4

PRECEDENCE
FOR:

ACTION

INFORMATION

PRIORITY

☐ BOOK MESSAGE☒ ORIGINAL MESSAGE☐ MULTIPLE ADDRESS

CRYPTOPRECAUTION

☐ YES☐ NO

REFERS TO MESSAGE:

IDENTIFICATION

AFOIN-2A1-55586

DOWNGRADED AT 1000 HRS
 DECLASSIFIED AT 1000 HRS
 EOD 1000.10

FOR: AFOIN-2A1

Ref msg AFOIN-2A1-55586, dtd 29 Aug 56 regarding your series of TT Msgs S-462, S-463, S-464 and S-465, all dtd 22 August 1956 on Bornholm UFO sighting submitted by FRE, Bucks, England.

PART I: Information submitted on UFO limited and incomplete upon which to make proper evaluation or to arrive at some firm conclusion or determination regarding origin or nature of radar sighting. More thorough analyses would require such pertinent information as radar scope photos, weather data, including information on temperature inversions, moisture lapse data, accurate tabulation of related times, places, bearings, altitudes, angular velocities of sightings, both visual and electronic, type radar equipment, etc.

PART II: The type of information cited above can indicate whether objects observed solid or due to unusual weather conditions i.e. anomalous propagation. Examples: a number of blips appearing and disappearing intermittently are characteristic of weather returns on radar. Unusual weather conditions may also

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PAGE 1 OF 23 PAGES

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

AFK 205-1 June 1-126
 Classification Cancelled
 (or changed to UNCLAS)
 Auth. [Signature]
 By [Signature]
 Date 27 Mar 67

DECLASSIFIED AFTER 12 YEARS.
 DOD DLE 5200.10

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

COMDR ATIC

PRECEDENCE
FOR:

ACTION

PRIORITY

INFORMATION

☐ BOOK MESSAGE☒ ORIGINAL MESSAGE☐ MULTIPLE ADDRESS

CRYPTOPRECAUTION

☐ YES☐ NO

REFERS TO MESSAGE:

IDENTIFICATION

AFOIN-2A1-55586

TO:

DI HQ USAF WASH DC

INFO:

COMDR 4602d AISS, ENT AFB
 COLORADO SPRINGS, COLO

explain observed erratic movements and tremendous speeds of supposed solid target. Temperature inversions can cause radar beam projected upward to bend down and pick up objects on the ground, appearing as objects in the air. Other strong evidence of weather return is disappearance of all targets simultaneously. Under certain conditions, inversion layers can cause interference between two radar stations some distance apart. Interference can be checked by changing frequency 20 to 40 megacycles, if settings can be varied. All ^{above} can often be confusing to trained, experienced radar operators.

PART III: Specifically, track data submitted insufficient to determine nature of track, whether erratic, rapidly changing speed and direction (as is usual in most sightings of this nature), or whether acceleration patterns and course changes are smooth. Reference to picking up "3 to 5 unidentified objects at 0850 Z" at least infers that targets not steady, but appearing and disappearing. If true, targets observed are somewhat similar in manner to Lakenheath-Bentwaters England sightings,

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DOD DLE 5200.10

PAGE 2 OF 3 PAGES

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

Classification Cancelled
(or changed to UNCLASS)
Auth. Quintanilla
By LT Col, USAF
Date 27 Jan 69
AFK-105-1 para 1-12

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator).

COMDR ATIC

TO:

DI HQ USAF WASH DC

INFO:

COMDR 4602 AISS, ENT AFB
COLORADO SPRINGS, COLO

of 13 August 1956, evaluation now being prepared under separate cover.

PART IV: Submission of data outlined in Part I above would therefore be required to permit a more thorough evaluation, of ~~which~~ firm conclusion. Request this information together with radar scope photos as expeditiously as possible.

COORDINATION:

AFOIN-4E4 Dr. H.A. Miley DATE: 4/5/56
 AFOIN-4E H.K. Gilbert DATE: 9/4/56
 AFOIN-4E1 Col H.K. Gilbert DATE: 31 Aug 56
 AFOIN-4X1 Col Hoffman DATE: 9/4/56
 AFOIN-4X1 Mr. A.F. Arcier

UNCLASSIFIED

DOWNGRADED AT 3 YEAR INTERVALS:
 DECLASSIFIED AFTER 12 YEARS.
 DOD DIR 6200.10

DRAFTER'S NAME (and signature, where required)

Capt G.T.Gregory

RELEASING OFFICER'S SIGNATURE

OFFICIAL TITLE WALLACE W. ELWOOD
1st Lt. USAF

SYMBOL

AF01N-4E4

TELEPHONE
69216

OFFICIAL TITLE

DD FORM 173
1 OCT 49

**REPLACES NME FORM 173,
WHICH MAY BE USED.**

~~CONFIDENTIAL~~ ASSIFIED

Assistant Adjutant

U. S. GOVERNMENT PRINTING OFFICE

NO FLD REPRESENTATIVE BUCKINGHAMSHIRE ENG
INFO COMDR WPAFB OHIO PASS INFO TO COM

UNCLASSIFIED

ION

FROM AFOIN-2A1 CITE 55846.

REF OUR MSG 55317 DTD 23 AUG CURR. PASS TO AIR DEPUTY SHAPE. THE FOLLOWING DATA RECEIVED FROM ATIC. "PART 1: INFO SUBMITTED ON UFO LIMITED AND INCOMPLETE UPON WHICH TO MAKE PROPER EVALUATION OR TO ARRIVE AT SOME FIRM CONCLUSION OR DETERMINATION REGARDING ORIGIN OR NATURE OF RADAR SIGHTING. MORE THOROUGH ANALYSES WOULD REQUIRE SUCH PERTINENT INFO AS RADAR SCOPE PHOTOS, WEATHER DATA, INCLUDING INFO ON TEMPERATURE INVERSIONS, MOISTURE LAPSE DATA, ACCURATE TABULATION OF RELATED TIMES, PLACES, BEARINGS, ALTITUDES, ANGULAR VELOCITIES OF SIGHTINGS, BOTH VISUAL AND ELECTRONIC, TYPE RADAR EQP, ETC. PART 2: THE TYPE OF INFO CITED ABOVE CAN INDICATE WHETHER OBJECTS OBSERVED SOLID OR DUE TO UNUSUAL WEATHER CONDITIONS IE ANOMALOUS PROPAGATION. EXAMPLES: A NUMBER OF BLIPS APPEARING AND DISAPPEARING INTERMITTENTLY ARE CHARACTERISTIC OR WHEATHER RETURNS ON RADAR. UNUSUAL WEATHER CONDITIONS MAY ALSO EXPLAIN OBSERVED ERRATIC MOVEMENTS AND TREMENDOUS SPEEDS OF SUPPOSED SOLID TARGET. TEMPERATURE INVERSION CAN CAUSE RADAR BEAM PROJECTED UPWARD TO BEND DOWN AND PICK UP OBJECTS ON THE GROUND, APPEARING AS OBJECTS IN THE AIR. OTHER STRONG EVIDENCE OF WEATHER RETURN IS DISAPPEARANCE OF ALL TARGETS SIMULTANEOUSLY. UNDER CERTAIN CONDITIONS, INVERSION LAYERS CAN CAUSE INTERFERENCE BETWEEN 2 RADAR STATIONS SOME DISTANCE APART. INTERFERENCE CAN BE CHECKED BY CHANGING FREQUENCY 20 TO 40 MEGACYCLES, IF SETTINGS CAN BE VARIED. ALL ABOVE CAN OFTEN BE CONFUSING TO TRAINED, EXPERIENCED RADAR OPERATORS. PART 3: SPECIFICALLY, TRACK DATA SUBMITTED, IS SUFFICIENT TO DETERMINE NATURE OF TRACK: WHETHER ERRATIC, RAPIDLY CHANGING SPEED AND DIRECTION, AS IS USUAL IN MOST SIGHTINGS OF THIS NATURE, OR WHETHER ACCELERATION PATTERNS AND COURSE CHANGES ARE SMOOTH. REF TO PICKING UP QUOTE 3 TO 5 UNIDENTIFIED OBJECTS AT 0850Z UNQUOTE AT LEAST INFERS THAT TARGETS NOT STEADY, BUT APPEARING AND DISAPPEARING. IF TRUE, TARGETS OBSERVED ARE SOME WHAT SIMILAR IN MANNER TO LAKENHEATH BENTWATERS ENGLAND SIGHTINGS, OF 13 AUG CURR, EVALUATION NOW BEING PREPARED UNDER SEPARATE COVER. PART 4: SUBMISSION OF DATA OUTLINED IN PART 1 ABOVE WOULD THEREFORE BE REQUIRED TO PERMIT A MORE THOROUGH EVALUATION, OR FIRM CONCLUSION. UNQUOTE. REQUEST INFO OUTLINED IN PART 1 ABOVE BE FORWARDED DIRECTLY TO COMMANDER, ATIC, WPAFB WITH INFO COPY TO THIS HQS

Not rec'd as of 25 Jan 1957.

A PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO CATEGORY D ETC. ALL INTERNAL SECURITY DATE-TIME GROUP PRIOR TO DECLASSIFICATION

1) 4E4
2) 4E4
3-4F2
4-4X2a

DOWNGRADED AT 3 YEAR INTERVAL
DECLASSIFIED AFTER 12 YEARS.
DOO DIR 5200.10

Classification Cancelled
(or changed to UNCLASS)
Auth. [Signature]
By [Signature]
Date 27 Jan 69
AFR 205-1 Jan 1969

UNCLASSIFIED

Incl. #5

DISPOSITION FORM

SECURITY CLASSIFICATION (If any)

UNCLASSIFIED

FILE NO.

SUBJECT (U) Request for Evaluation or Information -- UFO Sighting by Bornholm Radar

TO AFOIN-4F3

FROM AFOIN-4E

DATE 26 Sept 56 COMMENT NO. 1
4E4/Capt G.T.Gregory/lc/69216

1. In accordance with established ATIC policies for the review of UFO reports, request your evaluation, comments or information regarding the four (4) attached teletype reports (inclosures 1 through 4).
2. Original messages indicate that a copy of each message was routed to your division. Therefore, if any evaluation or comment has been made, on your part, request the results be made known to this office.
3. An analysis and comment regarding the electronic aspects of this sighting has been made by AFOIN-4E1 (see Inclosure #5).
4. Specifically, request any information concerning missile or related activities known to have taken place on 22 August 1956 and falling within the radar coverage of the Bornholm radar, as a possible explanation to the reported sighting.
5. Expeditious action regarding this request would be appreciated.

H.K. Gilbert

H. K. GILBERT
Colonel USAF
Deputy for Science and Components

5 Incls:

1. TT Msg T56-19342-1
2. TT Msg T56-19344-1
3. TT Msg T56-19343-1
4. TT Msg T56-19341-1
5. TT Msg T56-20621-1

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DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

UNCLASSIFIED

Classification Cancelled
(or changed to UNCLASS)
Auth. *James H. ...*
By *...*
Date *27 Jan 69*
AFR 205-1 para 1-126

UNCLASSIFIED

SUBJECT: (U) Request for Evaluation or Information — UFO Sighting by
Bornholm Radar

TO: AFOIN-4E

FROM: AFOIN-4F3

DATE: 3 Oct 56 COMMENT NR 2
AFOIN-4F3c/Maj Conway/js
54186/Bldg 263/P AL4

1. Due to incompleteness and insufficiency of data it is not possible to arrive at a firm conclusion.

2. The existence of several orbiting objects in the air at the same time does not exclude the possibility of guided missiles, but does not conform to existing test and flight philosophy for guided missiles in this country.

3. There is no other information concerning missile or related activity known to have taken place on 22 August 1956 and falling within the radar coverage of the Bornholm radar.

5 Incls
n/c

For John H. Conway May
JAMES C. MANATT
Lt Colonel, USAF
AFOIN-4F3

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DOD DIR 5200.10

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Classification Cancelled

(or changed to UNCLASS)

Auth. *James C. Manatt, Lt Col, USAF*

By LT DET (AFO)

Date 27 Jan 69

APR 205-1 jura 1-126

Bornholm

4 October 1956

MEMORANDUM FOR COL JOHNSON AND COL GREEN

SUBJECT: Bornholm Radar UFO Sighting

1. During one of Mr. Arcier's recent visits to Gen Lewis, a query was made regarding the status of subject sighting. AFOIN-4's findings on the basis of the limited information submitted is that these objects which present themselves on the Bornholm Radar scopes were the result of anomalous propagation, i.e., the number of blips suddenly appearing and disappearing are characteristic of unusual weather conditions which does effect radar.

2. In respect to this phenomena being guided missiles, ATIC's evaluation is that the existence of several orbiting objects in the air at the same time does not exclude the possibility of guided missiles. However, this does not conform to existing tests and flight philosophy for guided missiles. Also, there is no information concerning missile or related activity known to have taken place on 22 August 1956 and falling within the radar coverage of the Bornholm Radar. We have requested more information on the Bornholm Radar with view to arriving at a more firm conclusion.

3. Would appreciate if the above information, in substance, be passed on to Gen Lewis.

George T. Gregory
GEORGE T. GREGORY
Captain, USAF
AFOIN-4

PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO
CATEGORY B ENCRYPTION—PHYSICALLY REMOVE
ALL INTERNAL REFERENCES BY DATE-TIME GROUP
PRIOR TO DECLASSIFICATION

RRJEDWP
DEJEPHQ 156

UNCLASSIFIED

FMEDUSAF WASHDC
COMATIC WRIGHT PATTERSON AFB OHIO

FROM AFOIN-1A 57213 COMATIC FOR OIN-4. THE NUMBER OF
UFCB REPORTS SUBMITTED FROM THE USAFE AREA DURING AUGUST HAS GENERATED
CONSIDERABLE INTEREST AND CONCERN WITHIN AFOIN. OF PARTICULAR
INTEREST ARE THOSE SIGHTINGS THAT OCCURRED NEAR LAKENHEATH ON
16 AUGUST AND THE BORNHOLM ISLAND SIGHTINGS OF 22 AUGUST. REQUEST
YOU FORWARD YOUR EVALUATION OF THESE INCIDENTS ASAP MARKED FOR
THE ATTENTION OF AFOIN-1A3.

BT

Classification Cancelled
(or changed to UNCLASS)
Auth. Quantum, I, co, usaf

By PT (UFC)

Date 27 Oct 67

h1 01 95 100 0

HR 265-1 Jan 1-126

Susp

10/11/56

12 } 4E4
3 }

4-4X2a

DOWNGRADED AT 2 YEAR INTERVALS:
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

UNCLASSIFIED

JOINT MESSAGEFORM

SECURITY CLASSIFICATION

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

UNCLASSIFIED

PRECEDENCE	TYPE MSG (Check)			ACCOUNTING SYMBOL	ORIG. OR REFERENCE
ACTION	BOOK	MULTI	SINGLE		
INFO					

FROM:

COMSEC ATIC

SPECIAL INSTRUCTIONS

TO:

D/I H.E. USAF
WASHINGTON D.C.

FROM:

AFGIN-424

REFERENCE YOUR MESSAGE 57218 DATED 9 OCTOBER 1956
REGARDING REQUEST FOR EVALUATION OF LAKENRATH AND BORNEOLM SIGHTINGS.
EVALUATION OF BORNEOLM SIGHTING SUBMITTED TO D/I, HEADQUARTERS USAF
ON 31 AUGUST 1956. CITE AFGIN-241-55586. ALSO MEMO ON SAME SUBJECT
TO GENERAL LEVIN, SUBMITTED THRU AFGIN-X, 4 OCTOBER 1956. EVALUATION
OF LAKENRATH SIGHTING SUBMITTED TO D/I, HEADQUARTERS USAF ON
11 SEPTEMBER 1956. CITE EOI 485 AND IEO 7-3251. INFO COPIES TO
CINCUSAF, AIRCRAFTS GROUP WITH PASS ON TO 3910TH COMAECOM,
ENGLAND.

DOWNGRADED AT 3 YEAR INTERVALS
DECLASSIFIED AFTER 12 YEARS
DOD DIB 5200.10

COORDINATION:

AFGIN-424 H. H. Miley DATE 10/10/56
BY Dr. H. A. FoleyAFGIN-42 Col H. K. Gilbert DATE _____AFGIN-421 Mr. J. J. Foley DATE _____Classification Cancelled
(or changed to UNCLASSIFIED)Auth QuintanillaBy DTIC (UFO) WSPDate 27 Jan 69

AFR 205-1 June 1926

DATE	TIME
10	1400
MONTH	YEAR
OCT	56

SYMBOL

AFGIN-424

SIGNATURE

TYPED NAME AND TITLE (Signature, if required)

Capt. D. T. Gregory

PHONE 64216

SECURITY CLASSIFICATION

TYPED (or stamped) NAME AND TITLE

UNCLASSIFIED

W 02.1
44 A155

ATIC

13 4E4

18 JAN 57 15 43

Swaf 34x2a
1/22/57

FM 750PT 49 TYC 1950PT 69

FM RJEDMP

FM RJEPHQ 844

FM 181607Z

FM HEDUSAF WASHDC

TO COMDR ATIC WPAFB OHIO

BT

UNCLAS FROM AFOIN 43261 YOUR IC 40815 AND AFOIN 55846 DATED 5

SEP 56. HAS REQUESTED DATA BEEN RECEIVED? IF SO AND YOUR

EVALUATION SENT HERE, REQUEST CITE NUMBER

BT

18/1626Z JAN RJEPHQ

ACTION/INFORM/INFORM

18 JAN 57
atic
14:13

Classification Cancelled
(or changed to UNCLAS)

Auth. *Quintanilla, LT COL, USAF*
By *DT DPT (UFO)*

Date *27 Jan 69*
AFR 20-1 Jan 1-126

UNCLASSIFIED

ACTION

23 Aug 56 00 17

***** ZZ RAEEN RJEDWP
RJEDEN RJEDWP SUPVR RJEPHQ

FOLLOWING MSG RELAYED TO COMDR ADG ENT AFB COLO AND COMDR ATIC WPAFB
OHIO BY REQ OF AFOIN HQS USAF WASHDC
RJDLEJ 1B

PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO
CATEGORY B EXCEPT TO PERMANENTLY REMOVE
ALL INTERNAL REFERENCES BY DATE-TIME GROUP
PRIOR TO DECLASSIFICATION

FM FRE BUCKS ENG
TO RJEPHQ/COFS USAF WASHDC (ATTN JWRA)
BT

462. SHAPE AIR DEPUTY HAS REQUESTED FOL UNUSUAL INFO
BE PASSED TO INDICATIONS CENTER. D/INTEL USAF. AT APPROX ~~22/0850Z~~ 222110Z
BORNHOLM RADAR PICKED 3 TO 5 UNIDENTIFIED OBJECTS 5330N 1800E SPEED
1000KTS
(LATER 800KTS). 25000 FT COURSE SOUTH TO NORTH CONTINUALLY TRACKED
AT APPROX 22/0910 COURSE CHANGED TO WESTERLIN NO BORDER VIOLATION.
SHAPE AD CONTINUING TO MONITOR. FRE HAS OFFERED ON-LINE COMMUNICATIONS
BETWEEN SHAPE AD AND USAF AND WILL CONTINUE STANDING BY FOR ANY
FURTHER INFO.

BT

UNCLASSIFIED

1-4F4

2-4F2

3-4F3

4-4X2a Ac

DECLASSIFIED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
Incl # 1 DOD DIR 5200.10

UNCLASSIFIED

ACTION

PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO
CATEGORICAL DECLASSIFICATION. PHYSICALLY REMOVE
DATE-TIME GROUP
PRIOR TO DECLASSIFICATION

*****ZZ RJEDEN RJEDWP
RJEDEN RJEDWP SUPVR RJEPHQ
FOLLOWING MSG RELAYED TO COMDR ADC ENT AFB COLO AND COMDR ATIC WPAFB
OHIO BY REQ OF AFOIN HQS USAF WASHDC

*****ZZ RJEPHQ
DE RJDLEJ 2B

FM FRE BUCKS ENG
TO COFS USAF WASHDC ATTN JWRA
BT

D-463. REOUR S-462 DTG | FOR INDICATIONS CENTER
D/INTEL USAF. SHAPE AD HAS AMPLIFIED AS FOLLOWS:
22/2220Z TELEPHONE IWO BORNHOLM WEVFT OUT. TELETYPE IS ADDING 10 MIN
DELAY.

22/2235Z ORIGINAL TRACKS ORBITING OVER ORIGINAL POSITION 5330N
1800E 700 KTS 25000 FT (IDENTIFIED AS 3 TRACKS)
SHAPE AD REQUEST ANY INFO YOU MAY HAVE.

BT

Classification Cancelled
(or changed to UNCLASS)

Auth Quantanilla, LT COL, USAF

By TDPT (USF)

Date 27 Jan 69

AFR 205-1 para 1-126

UNCLASSIFIED

UNCLASSIFIED

ACTION

PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO
CATEGORY B ENCRYPTION—PHYSICALLY REMOVE
ALL INTERNAL REFERENCES BY DATE-TIME GROUP
PRIOR TO DECLASSIFICATION

*****ZZ RJEDEN RJEDWP
RJEDEN RJEDWP SUPVR RJEPHQ
FOLLOWING MSG RELAYED TO COMDR ADC ENT AFB COLO AND COMDR ATIC WPAFB
OHIO BY REQ OF AFOIN HQS USAF WASHDC

ZZ RJEPHQ
DE RJDLEJ 3B

FM FRE BUCKS ENG
TO COFS USAF WASHDC ATTN JWRA
BT

RE MY -462 DTG CORRECT TIMES TO
READ 222050Z AND 222110Z RATHER THAN ~~2219850Z~~ AND 220910Z
ADDITIONAL INFO FROM SAHPE AD: 22/2310Z 4TH TRACK (NEW) 5330
1800E EASTERLY HEADING 700 KTS ALT UNK.
BT

1-4E4
2-4F2
3-4F3
4-4X2
JC

Classification Cancelled
(or changed to UNCLASS)
Auth. Quintanilla, LT COL USAF
By DTPT (UFO)
Date 27 Jan 69
AFR 205-1 para 1.26

DOWNGRADING AT 5 YEAR INTERVALS
DECLASSIFIED AFTER 12 YEARS
EOD 100 6200.10

7nd #3

UNCLASSIFIED

ZZ RJEDEN. RJEDWP
RJEDEN RJEDWP SUPVR RJEPHQ
FOLLOWING MSG RELAYED TO COMDR ADC ENT AFB COLO AND COMDR ATIC WPAFB
OHIO BY REQ OF AFOIN HQS USAF WASHDC

UNCLASSIFIED

ACTION

ZZ RJEPHQ
DE RJDLJ 1B

23 Aug 56 0810
PARAPHRASE NOT
CATEGORY 3 ENCL
ALL INTERNAL RE
PRIOR TO DECLASSIFICATION

FM FRE BUCKS ENG
TO COFS USAF WASHDC ATTN JWRA
BT

S-463 AND S-464. SHAPE AD PASSES FOLLOWING:
22/2359Z LAST TRACK FADED. NOTHING ON SCOPE.
WILL CLOSE DOWN THIS CIRCUIT WITH THIS MSG.
BT

1-4E4
2-4F2
3-4F3
4-4X2

DOWNGRADED AT 10 YEAR INTERVALS;
DECLASSIFIED 10 YEARS.
DOD DIR 5800.10

Ind # 9

UNCLASSIFIED

Classification Cancelled
(or changed to UNCLAS)
Auth Quintanilla, ET CO, USAF
By TDPT (UFD)
Date 27 Jan 69
AFR 205-1 para 1-126

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE
DATE 11/1/00 BY 60322 UCBAW/STW
PRIORITY TO DECLASSIFICATION

ACTION

PP RJEDWP
DE RJEPHQ 168

30 AUG 56 07 36

UNCLASSIFIED

FM HEAD HQ USAF WASH DC
TO COMATIC WPAFB OHIO
BT

//FROM AFOIN -2A1 55586 FOLLOWING SERIES OF MESSAGES FROM
PRE BUCKS ENGLAND TO COFS USAF WERE PASSED TO AFOIN-4 ON 22 AUGUST 56:

- S-462,
- S-463,
- S-464,
- S-465,

Classification Cancelled
(or changed to *SECRET*)
Auth. *Quintanilla, Lt Col, USAF*
By *DPT(UFO)*
Date *27 Feb 69*

REQUEST YOUR EVALUATION OF INFO CONTAINED IN ABOVE CITED MSGS, TO
REACH THIS HQ BY 4 SEPT 56 FOR FORWARDING TO AIR DEPUTY, SHAPE. *AFR 505-1 gma 1-13*

1 } 4E4
2 }
3 - ~~4E2~~ 4F2
4 - 4X2a

Susp *NOTE!*
8/31/56
[Signature]

UNCLASSIFIED

EXEMPTED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 8200.10

FORM 805-S PRINTED BY THE STANDARD REGISTRATION CO., DAYTON, OHIO, U. S. A.

MEMO ROUTING SLIP		NEVER USE FOR APPROVALS, DISAPPROVALS, CONCURRENCES, OR SIMILAR ACTIONS	
1 NAME OR TITLE DR. MILEY <i>HM</i>	INITIALS <i>HM</i>	DATE 4/9/56	CIRCULATE ☐
ORGANIZATION AND LOCATION AFOIN-4E4			COORDINATION ☒
2 COL. GILBERT <i>HKA</i>			FILE ☐
AFOIN-4E			INFORMATION ☐
3 MR. ARCIER		4/9	NECESSARY ACTION ☒
AFOIN-4X		9/4/56	NOTE AND RETURN ☐
4 RETURN TO: CAPT. GREGORY			SEE ME ☐
AFOIN-4E4			SIGNATURE ☐
REMARKS Evaluation and other comments on the Bornholm sighting as requested by HQ USAF - deadline date 4 Sept 1956. We feel that this is the best evaluation and guidance that can be offered from this side of the Atlantic in view of the limited data submitted.			
FROM NAME OR TITLE Capt. Gregory		DATE 	
ORGANIZATION AND LOCATION 4E4		TELEPHONE 	

DD FORM 95
1 FEB 50

Replaces DA AGO Form 895, 1 Apr 48, and AFHQ Form 12, 10 Nov 47, which may be used.

16-48487-4 GPO ☆

f. Bornholm Case (RAF Base): The "electronics-temperature inversion" approach towards explaining this sighting submitted to CINCSAFE and Hqs USAFE was considered appropriate, considering the limited information.

Bornholm Case II

There is insufficient track data to determine the nature of the track - whether it is erratic, changing speed and direction rapidly, (as is usual in most of these sightings) or whether the acceleration and course changes are smooth.

The reference to picking up "3 to 5 unidentified objects" at time 0850Z at least infers that the targets were not steady, but were appearing and disappearing. If this is true, these targets are acting in a similar manner to those sighted at Lakenheath, and appear, therefore, to be probably due to anomalous propagation or wave returns.

As in the other sightings, it is not possible to make a thorough evaluation without scope photos, more complete track position and time data, weather information, (temperature inversion, moisture lapse data) etc, etc.

Prepared by
W. Bryant & M. Bryant

OFFICE OF RECORD

Report for Analysis - UFO Radar Reports from
Bornholm, England

AFOIN-4E4

28 Aug 56

4E4/Capt G.T. Gregory/wm
69216

1. In accordance with established ATIC policies for the review and analysis of reports, request your analysis and comments of the attached four reports with respect to the radar and related aspects of the phenomena reported.

AFDND-4X4 The reports originated from the FRE in England and are believed related to the same sightings reported by the SAC Commander, 3910th Bomb Group, England and Wiesbaden, Germany. A request for a review and analysis of these sightings was submitted to your office by DF, dated 23 August 56.

3. A copy of these reports has been submitted to the Commander's office, as they are considered out of the ordinary, and warrant attention of higher echelons.

AFOIN-4B

1, 2, 3, 4 ^{are} withdrawn (or not attached), the classification of this correspondence will be downgraded to uncl in accordance with AFR205-1.

Henry A. Miley
HENRY A. MILEY
AFOIN-484

1. **TT.** S 462, 22 Aug 56

AFOIN-4(T56-19342-5)

2. TT, S 463, 22 Aug 56

(156-19344-5)

3. 464, 23 Aug 56

(T96-19343-5)

AFCIN-AD, B 465, 23 Aug 56

(T56-19341-5)

~~AFON-4E~~

AFOIN-4F

DOWNGRADED AND DECLASSIFIED:
DECLASSIFIED 12 YEARS.
DOD DIR. 520010

Classification Cancelled
(or changed to UNCLAS)

Auth Quintanilla, ST ca, US 42

By HTDT (AKO)

Date 27 Jan 69

APR 205-1 para 1-12b

OTHERS

UNCLASSIFIED

FORM 144 (REV 20 FEB 56)

ROUTING AND SHEET

AF-WP-O-29 MAR 56 35M

PERM	
TEMP	
90 DAYS	
INITIAL	

f. Bornholm Case (RAF Base): The "electronics-temperature inversion" approach towards explaining this sighting submitted to CINCUSAFE and Hqs USAFE was considered appropriate, considering the limited information.

Bornholm Case II

There is insufficient track data to determine the nature of the track - whether it is erratic, changing speed and direction rapidly, (as is usual in most of these sightings) or whether the acceleration and course changes are smooth.

The reference to picking up "3 to 5 unidentified objects" at time 0850Z at least infers that the targets were not steady, but were appearing and disappearing. If this is true, these targets are acting in a similar manner to those sighted at Lakehurst, and appear, therefore, to probably be due to anomalous propagation or weather returns.

As in the other sightings, it is not possible to make a thorough evaluation without scope photos, more complete track position and time data, weather information, (temperature inversion, moisture lapse data) etc, etc.

Truly
Yours
W. Bryant