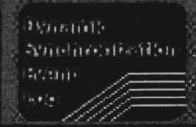



DATE	22-Dec-16
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PAGE 1 OF 1

**A0648556 1-000001**

CLASSIFICATION: SECRET CAN

	<b>Event Logs   Temporary Content Real World   Temporary Content Exercise   Logs   Help   Log-Area Manager</b>		<i>RELCAN DSEL classified up to SECRET</i>																									
			Username: <b>keddy.mb</b>																									
<b>Log Off</b>	Log: All	Date Range(Zulu): 22/12/2016 - 23/12/2016	Type: All	Status: All	<b>Set Filter</b>	<b>Edit Profile</b>																						
Event Logs																												
Track_Reports Air Space STATUS Search: <input type="text"/> Go																												
<b>EVENT LOGS</b>																												
Edit this Event Log View Archived Event Log Changes																												
Air																												
CLASSIFICATION: <b>SECRET</b> CAN SOURCE: <b>Multiple</b> TYPE: <b>[REDACTED]</b>																												
<b>CADS MCC Daily Log 22 Dec 16</b>																												
SUMMARY: <div>[REDACTED]</div>			keddy.mb MCC CADS UPDATE DTG: <b>01:33:43Z23Dec16</b> ORIGINAL DTG: <b>04:14:37Z22Dec16</b> STATUS: <input checked="" type="checkbox"/> VIEW ACCESS: 																									
<table border="1"><thead><tr><th>DESCRIPTION:</th><th></th></tr></thead><tbody><tr><td>ACTIONS:</td><td>0000z: <div>[REDACTED]</div></td></tr><tr><td></td><td>0130z: <div>[REDACTED]</div></td></tr><tr><td></td><td>0142z: <div>[REDACTED]</div></td></tr><tr><td></td><td>0150z: <div>[REDACTED]</div></td></tr><tr><td></td><td>0159z: <div>[REDACTED]</div></td></tr><tr><td></td><td>0330z: <div>[REDACTED]</div></td></tr><tr><td></td><td>0331z: Crypto destruction complete...dp</td></tr><tr><td></td><td>0348z: <div>[REDACTED]</div></td></tr><tr><td></td><td>0355z: <div>[REDACTED]</div></td></tr><tr><td></td><td>0402z: <div>[REDACTED]</div></td></tr></tbody></table>							DESCRIPTION:		ACTIONS:	0000z: <div>[REDACTED]</div>		0130z: <div>[REDACTED]</div>		0142z: <div>[REDACTED]</div>		0150z: <div>[REDACTED]</div>		0159z: <div>[REDACTED]</div>		0330z: <div>[REDACTED]</div>		0331z: Crypto destruction complete...dp		0348z: <div>[REDACTED]</div>		0355z: <div>[REDACTED]</div>		0402z: <div>[REDACTED]</div>
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	0402z: <div>[REDACTED]</div>																											



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0418z: Updated DSEL logs for 20-22 Dec. NORAD website is still down so the NTR database has not been uploaded...dp

0444z:

0454z

0502z:

0541z:

0552z

0554z

0610z

06:42

0704z:

0718z:

0723:

0800z:

0810z:

0823z:

0848z:

08:52z:

08:55z

s.15(1)

CLASSIFICATION: SECRET CAN

09:29z

09:54z

10:01z

1004z

1022z:

10:48z

10:50z

**10:58z:**

1119z

1130z

11:32z

1152

1212z:

1224z:

1327z:

1500z:

1540z: [REDACTED] called to inform us that the DLP vehicle gate (South Side) is U/S. In order to accomodate shipments inbound today the MPs are moving the lock on the North Side (51 Sqn/WOps) to the outside of the fence and leaving the key with the duty Comissionaire in the DLP. In the event of an emergency the Commissionaire will respond to open the gate instead of the SOP where first person arriving uses the key from the box to open it...dts

1542z:

1556z:

1715z: CYBG ACA VIMY 11/12 LND ...dts



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1724z:	
1826z:	
1900z:	
2300z:	
<p>2330z: Neutral Trk CW544, YBG 087/332, TA Scramble YBG ACA Msn: ID, Pilot reports A/C off his left side, had to take evasive action, radar data inconclusive, ATC has no reports of any other A/C in the area...dts</p> <p>2336Z: CADS requested that AAL107 turn 90 degrees right to separate data trail from other aircraft. AAL 107 turned north and only a single radar hit was detected behind him and at a radar altitude of 38,200 feet. This single hit was passed to Moncton center. After approx 15 miles AAL107 turned back onto flight plan heading and reported seeing an aircraft with a rotating white light on his left side and behind him. CADS did not have any radar contact on the trailing aircraft.</p>	
2346z:	
<p>2350z: CZ 452 TOI 2 (TOI 1 AAL 107, A/C that reported incident) extrapolated track from PIREPS...dts</p>	
2359z:	
ANALYSIS:	

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v.4.1

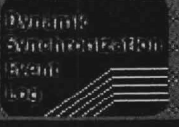
[Event Logs](#) | [Temporary Content Real](#)  
[World](#) | [Temporary Content Exercise](#) |  
[Logs](#) | [Help](#) | [Log-Area Manager](#)

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s.15(1)  
s.19(1)

CLASSIFICATION: SECRET [REDACTED] CAN



Event Logs | Temporary Content Real World | Temporary Content Exercise | Logs | Help | Log-Area Manager

REL CAN DSEL classified up to SECRET

Username: keddy.mb

Log Off

Log: All

Date Range(Zulu): 23/12/2016 - 24/12/2016

Type: All

Status: All

Set Filter

Edit Profile

Event Logs

STATUS Air Track\_Reports Space Search: [REDACTED] Go

EVENT LOGS

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CLASSIFICATION: SECRET [REDACTED]  
CAN

SOURCE: CADS  
MCC

TYPE: Real World

CADS MCC Daily Log 23 Dec 16

SUMMARY: [REDACTED]

keddy.mb  
MCC  
CADS  
UPDATE DTG: 00:00:22Z24Dec16  
ORIGINAL DTG: 00:30:47Z23Dec16  
STATUS: [REDACTED] VIEW ACCESS: [REDACTED]

DESCRIPTION:

ACTIONS:

0000z: [REDACTED]

0012z: [REDACTED]

0030z: [REDACTED]

0031z: PIREPS

Lufthansa 404 Report - 4957n 6334w - Saw something slightly below them to the left. they were at 40k

Swiss Air 18 Report - 4927n 6407w- Saw white light and rotating beacon, 1k-2k below them. they were at 38k ...dp

0040z: [REDACTED]

0047z: [REDACTED]

0049z: DEN - Boston passed that they informed all A/C in the area to look for unusual activity...dp

0050z: [REDACTED]



s.15(1)

CLASSIFICATION: SECRET

CAN

0050z:	[REDACTED]
0051z:	[REDACTED]
0052z:	[REDACTED]
0056z:	[REDACTED]
0059z:	[REDACTED]
0130z:	[REDACTED]
0133z:	[REDACTED]
0148z:	[REDACTED]
0246z:	[REDACTED]
0316z:	Crypto destruct complete...dp
1130z	[REDACTED]
1208z	[REDACTED]
1428z:	[REDACTED]
1454z	[REDACTED]
1455z	[REDACTED]
1503z	[REDACTED]
1545z	[REDACTED]
1647z	[REDACTED]
1726z	[REDACTED]
1758z	[REDACTED]
1858z	[REDACTED]
1933z	[REDACTED]
1957z	[REDACTED]
1958z	[REDACTED]

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	2023z
	2103z
	2334Z:
ANALYSIS:	

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v.4.1	<a href="#">Event Logs</a>   <a href="#">Temporary Content Real World</a>   <a href="#">Temporary Content Exercise</a>   <a href="#">Logs</a>   <a href="#">Help</a>   <a href="#">Log-Area Manager</a>	<i>RELCAN DSEL classified up to SECRET</i>
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SECRET

22 Nov 18

# ONE - 21 Nov 18



## Background

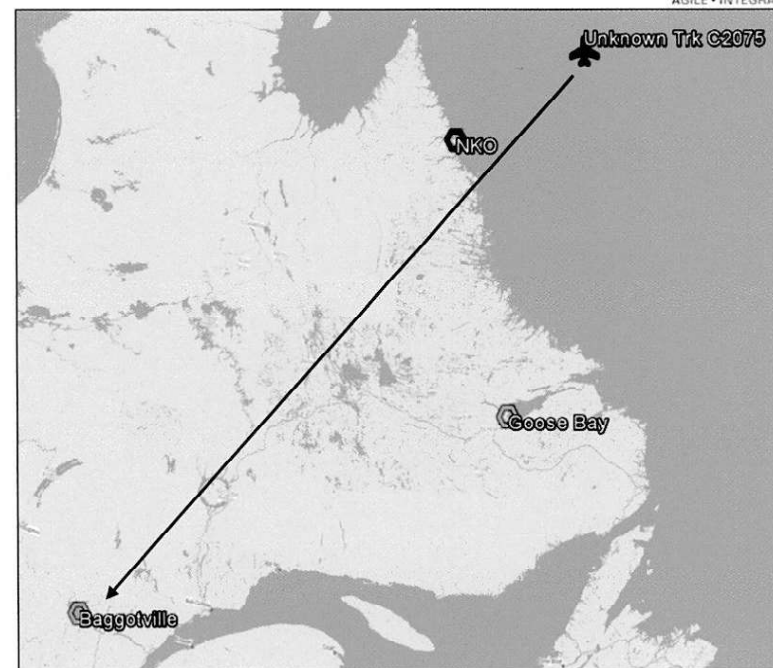
- 21 Nov, Unknown trk C2075 proceeded inbound eventually becoming suspect; the a/c was not in comms with Gander/Montreal ACC
- Unknown trk faded in an area of weak radar coverage
- NK0 went down during the previous night due to a malfunction - a svc ticket was opened with an end time for 21Nov/1300z;

NK0 was operational; however, MSM hadn't rx'd confirmation from Raytheon. \*NK0 was not operational and wasn't noted til MSM called to advise NK0 was starting Special Corrective Maint; during a request for playback IOT ascertain timings – it was noted NK0 was ghosting by approx. 80° at which time C2075 was deemed spurious data.

## Mission Execution / Accomplishments

- A/C was called unknown and proceeded inbound
- 
- Unknown trk now suspect and TOI1
- 
- 
- Nothing seen by – trk deemed spurious data and picture clean
- Fighters put on Cap and completed local/AAR trg until 1700z

“Flying in formation”



## Participants / Assets / Stats

- CANR, CADS
- 

« Voler en formation »

SECRET

1

A0645791 1-A-2021-01706--00007



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[Temporary Content Exercise](#) | [Logs](#) | [Help](#) | [Log-Area](#)  
[Manager](#)

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Username: forward.mn

[Log](#) [Log:](#) [Date Range\(Zulu\):](#) - [Type:](#) [Status:](#) [Set](#) [Edit](#)  
[Off](#) [All](#) [27/11/2018](#) [28/11/2018](#) [All](#) [All](#) [Filter](#) [Profile](#)

[Event Logs](#) [Air](#) [STATUS](#) [Space](#) Search:  [Go](#)

Event Logs

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[Air](#)

CADS Classification: SECRET / REL  
MCC

CAN Source: multiple Type: Real-World

DAILY LOG 21 NOV 18

Summary: A Flt on Duty, MCC: Capt Haun, MCCT WO Bereti, [forward.mn](#)

CADS Comd Col Roberts, DO Maj Palin, ACA as per ATO.

AST

21 Sqn

Update DTG: 03:54:54Z28Nov18

Original DTG: 00:00:09Z21Nov18

Status: ☒ View Access: ☒

Description:	
Actions:	<p>0000z: New zulu day, D Flt on Duty, MCC: Maj Lalonde, MCCT: WO Brodie, CADS Comd: Maj Tinsley, DO: Maj Palin, ...db</p> <p>0130z: ...db</p> <p>0315z: Superceded COMSEC destroyed witnessed by SSgt Browning...db</p> <p>1100z: ...db</p> <p>1154z: Off Duty D Flt, MCC Maj Lalonde, MCCT WO Brodie, On duty B Flt, MCC Capt Croxen, MCCTs WO Davage, WO Gaudrault, CADS Comd Col Roberts, DO Maj Palin, ACA as per ATO, BCSF FMC, changeover checklist complete...rg</p> <p>1231z:</p> <p>13:22z: Unkown trk C2075, 043/646 fm YBG...rg</p> <p>13:23z: Unknown trk C2075, SUITUP YBG...rg</p> <p>YBG ACA in jet running...rg</p>

s.15(1)

Page 2 of 4

CANR enforced we create an AEISS card and confirm  
...rg

AEISS card has been created  
..rg

13:40z: in COC if needed...rg

13:46z: STN:C2075 Fade 5515N 6447W...rg

13:50z: GO intent to maintain ...jsl

13:50z: holding BS with engines running...rg

13:54z: SCR CNXd @1348, remain at BS...rg

13:55z: on rwy alert...rg

14:00z: Unknown trk, C3027, 043/657 fm YBG...rg

14:01z: TOI1, now suspect...rg

14:02z: due to NKO being PMC, there will be an increase of unknowns in the area as  
ACC cannot confirm trks...rg

14:03z: C3027, mission, maintain at Rwy alert...rg

14:04z: Trk:3027 Fade 5748N 6156W...rg

SCR YBG mission search...rg

received a cnx scr fm the tower - wpns working it...rg

Wpns rx'd confirmation fm YBG Tower that YBG scr...rg

14:23z: Trk C2075 first detected search only 6057n 05722w (1250z), pending  
symbology with trk #C1751 (1253z). symbology dropped at 1255z. New trk # of  
C2075 at 6002n 05850w (1258z)...rg

14:31z: VIMY 11 reports HITS from bullseye YBG 060 for 160NM...rg



s.15(1)

s.19(1)

14:31z: @ 1430z as per ATO...rg

14:32z: Hits is approx 60nm east of where the extrapolated trk is currently located...rg

14:41z: new mission cap on a 050 axis...rg

14:46z: VIMY 11/12 have 45min PT...rg

1450z: CANR called Picture Clean...rg

1455z: CADS has good RDR & RDO...rg

1555z: YQQ AFC Req LCL Fly @ CADS has good  
RDR & RDO...850z will be using NOTAMed airspace...rg

1605z: YBG spr released at 1522z...rg

1627z: OPREP-3 DTG 211532 NOV 18for C2075 has been emailed...rg

1703z: MN01 RTB @ 1655z...rg

1736z: VY11/12 RTB 15m, VY11 code 1, VY12 code 2

1752z:

1908Z:

2031z:

2046z:

2101Z: Off duty WO Gaudrault...bd

2218Z. CIRVIS report. Edmotnon ACC called with information that a  
informed them of an incident last night. He observed at 715pm local (High  
Prarie AB) 3 red lights in the sky, hovering at the approximate height of a cell phone  
tower, center light blinking and the other two solid. Observed for a few moments and  
then it took off, heading west and was not seen again. CL 16 was ran, called the DO

	who directed we inform CANR SODO. Did so by voice at 2215Z. ...bd  2310Z:  2355z A Flt on duty, B Flt off (Capt Croxen and WO Davage). MCC Capt Haun, MCC/T WO Bereti. CADS Comd Col Roberts and DO Maj Palin. ACA as per ATO, BCS-S FMC. Changeover checklist complete...TB  2359z End of Zulu day, log closed...TB
Analysis:	

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2004 NORAD - USNORTHCOM



VERSION 7.4

19 Mar 2018

SAR MISSION REPORT				
Squadron 413	RCC Case Number H2018-01797	Unit Mission Number 18-0148	K1017 Number 18-09-C02	Mission Management Code FK S003 E 00
SAR Name UFO Sighting				
Final Case Classification U4	Tasked By Halifax	Mission Acceptance Accepted	Aircraft Type CH149 Cormorant	Aircraft Tail Number 911
Tasked On Time (Zulu) 2018-09-03 23:24	Mission Takeoff Time (Zulu) 2018-09-04 00:05	On-scene Time (Zulu) 2018-09-04 00:47	Search Object Located Time (Z) YYYY-MM-DD hh:mm	
Transit Duration 1.7 hrs	On Scene Duration 0.9 hrs	Total Time 2.6 hrs	Location (Commence Search Point or Search Object Location) 46° 26.00' N 62° 48.00' W <a href="#">Google Map</a>	
Standby Posture 02:00	Reason for Delay Not available for selection.	SAR Techs Deployed? <input type="checkbox"/>	Target Detection Choose here.	Visual Record Photos Taken? <input type="checkbox"/> Video Taken? <input type="checkbox"/>
Did the standby posture affect the mission? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Click here to enter.				
Core Services Provided				
Equipment Drop <input type="checkbox"/>		Communication Relay <input type="checkbox"/>		
Holst	Land <input type="checkbox"/> Boat <input type="checkbox"/> Water <input type="checkbox"/>	Mountain Rescue <input type="checkbox"/>		
Free Entry <input type="checkbox"/>	Ice Climbing Rescue <input type="checkbox"/>			
Diving	Click here to choose.		Visual Search <input checked="" type="checkbox"/>	
Penetration Diving / Overturned Vessel <input type="checkbox"/>	ELT Search		121.5 <input type="checkbox"/>	243.0 <input type="checkbox"/> 406.0 <input type="checkbox"/>
RW Confined Area Landing <input type="checkbox"/>	Ground Search <input type="checkbox"/>			
Air Support to Ground SAR <input type="checkbox"/>	Survival Skills <input type="checkbox"/>			
SAR Tech Medical Intervention <input type="checkbox"/>	Pers Para Descent Day		Click here to choose.	
Rescue Medevac <input type="checkbox"/>	Pers Para Descent Night		Click here to choose.	
Hospital to Hospital Medevac <input type="checkbox"/>	Pers Para Descent Water		Click here to choose.	
Marine Medevac <input type="checkbox"/>	Shore Crawl <input checked="" type="checkbox"/>			
Equipment and Support Services Affecting Mission				
Equipment / Support	Effectiveness	Remarks		
Choose the 1st one.	Choose a state.	Click here to enter.		
Choose the 2nd one.	Choose a state.	Click here to enter.		
Choose the 3rd one.	Choose a state.	Click here to enter.		
Stores Used on Mission				
Stores Deployed	Numbers	Effectiveness	Remarks	
Choose the 1st one.	0	Choose a state.	Click here to enter.	
Choose the 2nd one.	0	Choose a state.	Click here to enter.	
Choose the 3rd one.	0	Choose a state.	Click here to enter.	
Choose the 4th one.	0	Choose a state.	Click here to enter.	
Environmental Conditions Affecting Mission				
Weather	Phase of Flight	Remarks		
Choose the 1st one.	Choose a phase.	Click here to enter.		
Choose the 2nd one.	Choose a phase.	Click here to enter.		
Choose the 3rd one.	Choose a phase.	Click here to enter.		
Rescue(s)	Count	Remarks		
	0	Click here to enter.		
Yellow	0	Click here to enter.		
Green	0	Click here to enter.		
Blue	0	Click here to enter.		
White	0	Click here to enter.		
Gray	0	Click here to enter.		
Black	0	Click here to enter.		
Total	0			
Mission Summary				
413 SQN on RP2 was tasked by JRCC Halifax on Monday, September 3, 2018 at 23:24Z for an U4 incident. The squadron accepted the mission. R911 took off in 41 minutes without delay. It took 42 minutes to arrive at the area. Upon arrival, R911 performed a shore crawl and searched (visual) for the target. Nobody needed any rescue.				



VERSION 7.4

19 Mar 2018

<b>SAR Tech Team Leader</b> Nothing to add.																																																															
			Signature Name Hotton, A Rank Sgt																																																												
<b>Squadron SAR Tech Leader</b> Click here to enter.																																																															
			Signature Name Harrison, S Rank MWO																																																												
<b>Aircraft Commander</b> 911 was tasked to search for an unidentified object that was seen entering the water 1km off shore from the North shore of PEI. R911 proceeded on scene and completed a creeping line ahead from 2.5nm off shore to the shoreline with nothing seen. R911 was stood down and returned to Greenwood WFI.																																																															
			Signature Name Kitson, T Rank Capt																																																												
<b>Squadron Commanding Officer</b> Click here to enter.																																																															
			Signature Name Gauvin, J-F Rank Lieutenant-Colonel																																																												
Highlight report for further action? No																																																															
<b>Original Signed: <input checked="" type="checkbox"/></b>																																																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Position</th> <th style="width: 35%;">Name (Surname)</th> <th style="width: 20%;">Initials</th> <th style="width: 20%;">Rank</th> </tr> </thead> <tbody> <tr> <td>Aircraft Captain</td> <td>Kitson</td> <td>T</td> <td>Capt</td> </tr> <tr> <td>First Officer</td> <td>Jacques</td> <td>J</td> <td>Capt</td> </tr> <tr> <td>Flight Engineer</td> <td>Osmond</td> <td>T</td> <td>Cpl</td> </tr> <tr> <td>SAR Tech Team Leader</td> <td>Hotton</td> <td>A</td> <td>Sgt</td> </tr> <tr> <td>SAR Tech Team Member</td> <td>Harrison</td> <td>S</td> <td>MWO</td> </tr> <tr> <td>Choose the 6th position.</td> <td>Click here to enter.</td> <td>Click here to enter.</td> <td>Click here to choose.</td> </tr> <tr> <td>Choose the 7th position.</td> <td>Click here to enter.</td> <td>Click here to enter.</td> <td>Click here to choose.</td> </tr> <tr> <td>Choose the 8th position.</td> <td>Click here to enter.</td> <td>Click here to enter.</td> <td>Click here to choose.</td> </tr> <tr> <td>Choose the 9th position.</td> <td>Click here to enter.</td> <td>Click here to enter.</td> <td>Click here to choose.</td> </tr> <tr> <td>Choose the 10th position.</td> <td>Click here to enter.</td> <td>Click here to enter.</td> <td>Click here to choose.</td> </tr> <tr> <td>Choose the 11th position.</td> <td>Click here to enter.</td> <td>Click here to enter.</td> <td>Click here to choose.</td> </tr> <tr> <td>Choose the 12th position.</td> <td>Click here to enter.</td> <td>Click here to enter.</td> <td>Click here to choose.</td> </tr> <tr> <td>Choose the 13th position.</td> <td>Click here to enter.</td> <td>Click here to enter.</td> <td>Click here to choose.</td> </tr> <tr> <td>Choose the 14th position.</td> <td>Click here to enter.</td> <td>Click here to enter.</td> <td>Click here to choose.</td> </tr> </tbody> </table>				Position	Name (Surname)	Initials	Rank	Aircraft Captain	Kitson	T	Capt	First Officer	Jacques	J	Capt	Flight Engineer	Osmond	T	Cpl	SAR Tech Team Leader	Hotton	A	Sgt	SAR Tech Team Member	Harrison	S	MWO	Choose the 6th position.	Click here to enter.	Click here to enter.	Click here to choose.	Choose the 7th position.	Click here to enter.	Click here to enter.	Click here to choose.	Choose the 8th position.	Click here to enter.	Click here to enter.	Click here to choose.	Choose the 9th position.	Click here to enter.	Click here to enter.	Click here to choose.	Choose the 10th position.	Click here to enter.	Click here to enter.	Click here to choose.	Choose the 11th position.	Click here to enter.	Click here to enter.	Click here to choose.	Choose the 12th position.	Click here to enter.	Click here to enter.	Click here to choose.	Choose the 13th position.	Click here to enter.	Click here to enter.	Click here to choose.	Choose the 14th position.	Click here to enter.	Click here to enter.	Click here to choose.
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Submitted Report Folder: Q:\Documents\My Documents\CJOC\SAR\Mission Reports\Test Reports\</th> <th style="text-align: right;">Change Folder</th> </tr> </thead> <tbody> <tr> <td style="width: 33%;">To</td> <td style="width: 33%;">P-OTG.CJOC\SAR@intern.mil.ca</td> <td style="width: 33%;">A3SARSARMIS@intern.mil.ca</td> <td></td> </tr> <tr> <td>CC</td> <td>JRCCHalifax@samet.dnd.ca (only if HAL tasked)</td> <td>JRCCTrenton@samet.dnd.ca (only if TREB tasked)</td> <td>JRCCVictoria@samet.dnd.ca (only if VIC tasked)</td> </tr> <tr> <td colspan="4" style="padding: 5px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Submitted by colbourne.jr at 11:02:56 on Thursday, Sep 20, 2018.</td> <td style="width: 50%;"></td> </tr> <tr> <td>Modified by kitson.tg at 0:10:04 on Tuesday, Sep 4, 2018.</td> <td></td> </tr> <tr> <td>Modified by kitson.tg at 23:55:43 on Monday, Sep 3, 2018.</td> <td></td> </tr> <tr> <td>Modified by park.sc at 18:03:56 on Monday, Sep 3, 2018.</td> <td></td> </tr> <tr> <td>Reset and modified by kitson.tg at 19:45:11 on Friday, Aug 10, 2018.</td> <td></td> </tr> </table> </td> </tr> </tbody> </table>				Submitted Report Folder: Q:\Documents\My Documents\CJOC\SAR\Mission Reports\Test Reports\			Change Folder	To	P-OTG.CJOC\SAR@intern.mil.ca	A3SARSARMIS@intern.mil.ca		CC	JRCCHalifax@samet.dnd.ca (only if HAL tasked)	JRCCTrenton@samet.dnd.ca (only if TREB tasked)	JRCCVictoria@samet.dnd.ca (only if VIC tasked)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Submitted by colbourne.jr at 11:02:56 on Thursday, Sep 20, 2018.</td> <td style="width: 50%;"></td> </tr> <tr> <td>Modified by kitson.tg at 0:10:04 on Tuesday, Sep 4, 2018.</td> <td></td> </tr> <tr> <td>Modified by kitson.tg at 23:55:43 on Monday, Sep 3, 2018.</td> <td></td> </tr> <tr> <td>Modified by park.sc at 18:03:56 on Monday, Sep 3, 2018.</td> <td></td> </tr> <tr> <td>Reset and modified by kitson.tg at 19:45:11 on Friday, Aug 10, 2018.</td> <td></td> </tr> </table>				Submitted by colbourne.jr at 11:02:56 on Thursday, Sep 20, 2018.		Modified by kitson.tg at 0:10:04 on Tuesday, Sep 4, 2018.		Modified by kitson.tg at 23:55:43 on Monday, Sep 3, 2018.		Modified by park.sc at 18:03:56 on Monday, Sep 3, 2018.		Reset and modified by kitson.tg at 19:45:11 on Friday, Aug 10, 2018.																																			
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Clear Report

Check Report

**Lukowski Capt SA@413 Sqn SAR@Greenwood**

**From:** JRCCHalifax@JRCC@Halifax <[REDACTED]@sarnet.dnd.ca>  
**Sent:** September 3, 2018 11:11 PM  
**Subject:** FINAL SAR ADVISORY UFO / Sighting - H2018-01797

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hello Sir,

<b>Final:</b> UFO / Sighting - H2018-01797
<b>REF:</b> 04 0214Z SEP 2018
<b>a. What:</b> Air - UFO
<b>b. Where:</b> 20 NM NE Charlottetown, PEI
<b>c. When:</b> 03 2238Z SEP 2018
<b>d. Who:</b> 413 Sqn R911, Local fire dept.
<b>e. Why:</b> Concerned citizen saw something fall in the water and could neither confirm nor deny having a person on board.
<b>f. Action Taken:</b> R911 tasked to conduct search of the area. R911 conducted a search of the area with nothing seen. Local fire department went out in their vessel and nothing seen. All assets stood down.
<b>g. Misc:</b> 911 went briefly U/S before being able to respond to this tasking.
<b>h. Lead Agency:</b> CAF
<b>i. Was DMO consulted?</b> No
<b>j. Was media informed?</b> No
<b>k. Was SRR PAO notified?</b> Yes with this email.

Sincerely,

Capt. Scott Hocquard

Aeronautical SAR Coordinator, JRCC Halifax  
 Royal Canadian Air Force  
 Canadian Armed Forces  
 [REDACTED]@sarnet.dnd.ca / Tel: 902-[REDACTED]

CMRS aéronautique, CCCS Halifax  
 Aviation royale canadienne  
 Forces armées canadiennes  
 [REDACTED]@sarnet.dnd.ca / Tél: 902-[REDACTED]

**Mitchell Maj KG@1 Cdn Air Div HQ CAOC@Winnipeg**

---

**From:****Sent:**

September-22-20 00:21

**To:****Subject:**

(U)

Unknown in the CANR (Initial/Final)

SECRET

Sir,

(U)

Unknown in the CANR (Initial/Final)

- (UNCLASSIFIED) Media attention aircraft incident

(S)

(S)

(U) Interface. coordinated with CADS, and CANR for this event.

(U) Next Step. No further action required for this event.

v/r

Classified By:  
Derived From:

/Multiple Sources Declassify On:

SECRET,



CLASSIFICATION: SECRET

DATE

21 Sep 2020

TIME							INT		
All Times Z	ON DUTY	COMD	Comd 1 CAD/CANR/Trenton SRR/JFACC - MGen Kenny						
		CCO	LCol Kastrukoff		SODT	MCpl Smith			
		SODO	Maj Millen		DDT1/2	Cpl McDonald			
		DDO	2Lt Edwards		INT				
	ACA	FIGHTERS							
		US TNKRS							
		CDN TNKR							
	CAOC SYSTEMS								
	ROUTINE STANDBY								
	SEARCH & RESCUE								
	OPEN CCIRs								
	RADAR								
	Log read		Continuity Binder read		Emails read		NAPPIC/SITREP		Brief understood
	2300	Crew Handover							
1330	Morning Brief c/o								
1430									
1415									
1415									
1431									
1439									
1441									
1445									
1447									
1449									
1453									
1454									
1501									
1503									
1516									
1523									
1544									
1551									
1704									
1708									
1714									
1741	HAL HELAIRDET DSR rec'd/distro'd								
1742									
1818									
1949	ATF-Romania DSR rec'd/distro'd								
2025	TOR HELAIRDET DSR rec'd/distro'd								
2300	Crew Handover								
Log done		Continuity Binder Updated		Emails filed		NAPPIC/SITREP		Brief updated	

PAGE 1 OF 1

CAN SECRET

A0644732\_1-000011



s.15(1)

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[2020/09/21 11:42:46] <janowitz.md> comms test  
 [2020/09/21 11:59:53] <N2C2\_ADT\_OS1\_Vallade(USN)> CANR: ack test...jdv  
 [2020/09/21 11:42:46] <janowitz.md> comms test  
 [2020/09/21 11:59:53] <N2C2\_ADT\_OS1\_Vallade(USN)> CANR: ack test...jdv  
 [2020/09/21 12:21:42] <CANR\_SODT> Test...nm  
 [2020/09/21 12:21:54] <AFNSD (gaboury.jm)> ack  
 [2020/09/21 12:26:06] <CANR\_SODT> CADS: Be advised our CSNI Transverse Chat seems to be working, please ack when see n...nm  
 [2020/09/21 13:14:00] <CADS MCC> CANR: Chat Test...jpl  
 [2020/09/21 13:14:33] <CANR\_SODT> CADS: Good Test...nm  
 [2020/09/21 13:15:24] <CANR\_SODT> CADS: For the Ex, will we still use the RELCAN chat window? Or is there another window you would like to use?  
 [2020/09/21 13:16:05] <CADS MCC> SODT: Would like to use the RW chat since it is an operation and not an exercise...jpl  
 [2020/09/21 13:17:42] <CANR\_SODT> CADS: CSNI, or continue with CSNI?...nm  
 [2020/09/21 13:18:31] <CADS MCC> SODT: All information will be passed on this chat...jpl  
 [2020/09/21 13:18:42] <CANR\_SODT> CADS: Copy, ty...nm  
 [2020/09/21 13:40:49] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 13:53:13] <CANR\_SODT> CADS: Copy, ty...nm  
 [2020/09/21 13:54:08] <CANR\_SODT> CADS: Copy, ty...nm  
 [2020/09/21 14:09:13] <CANR\_SODT> CADS: Copy, thanks...nm  
 [2020/09/21 14:15:26] <CANR\_SODT> CADS: Copy, thanks...nm  
 [2020/09/21 14:15:43] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 14:17:57] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 14:23:35] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 14:24:26] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 14:30:07] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 14:32:06] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 14:36:47] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 14:43:51] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 14:46:42] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 14:49:58] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 14:58:47] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 15:01:54] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 15:03:03] <CANR\_SODT> CADS: Copy all...kif  
 [2020/09/21 15:04:19] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 15:06:30] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 15:14:05] <CANR\_SODT> CADS: Copy all...kif  
 [2020/09/21 15:17:06] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 15:25:09] <CANR\_SODT> CADS: Copy...kif  
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 [2020/09/21 15:44:58] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 15:45:20] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 15:47:30] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 15:48:29] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 15:49:38] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 15:49:49] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 15:51:59] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 15:52:51] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 16:02:48] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 16:03:54] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 16:09:07] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 16:11:41] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 16:18:44] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 16:19:27] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 16:21:54] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 16:25:12] <CANR\_SODT> CADS: Copy...kif  
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 [2020/09/21 16:30:58] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 16:31:23] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 16:43:52] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 16:53:32] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 17:02:32] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 17:04:01] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 17:09:47] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 17:21:24] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 17:30:38] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 17:33:11] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 17:45:16] <CANR\_SODT> CADS: Copy, All assests are on the ground ATT?...js  
 [2020/09/21 17:48:54] <CANR\_SODT> CADS: Copy...kif  
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 [2020/09/21 18:03:48] <CANR\_SODT> CADS: Approved...js  
 [2020/09/21 18:18:12] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 18:44:14] <CANR\_SODT> CADS: Copy...kif  
 [2020/09/21 18:51:37] <CANR\_SODT> CADS: Copy...nm  
 [2020/09/21 18:52:52] <CANR\_SODT> CADS: Copy...nm



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[2020/09/21 16:25:12]  
[2020/09/21 16:27:44]  
[2020/09/21 16:30:58]  
[2020/09/21 16:31:23] <CANR\_SODT> CADS: Copy...kif  
[2020/09/21 16:43:52]  
[2020/09/21 16:53:32]  
[2020/09/21 17:02:32]  
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[2020/09/21 17:48:54]  
[2020/09/21 17:51:09]  
[2020/09/21 18:03:48] <CANR\_SODT> CADS: Approved...js  
[2020/09/21 18:18:12]  
[2020/09/21 18:44:14]  
[2020/09/21 18:51:37] <CANR\_SODT> CADS: Copy...nm  
[2020/09/21 18:52:52]  
re...TCM  
[2020/09/21 19:02:00]  
[2020/09/21 19:14:21]  
[2020/09/21 19:18:37] <CANR\_SODT> CADS: Copy...js  
[2020/09/21 19:19:52]  
[2020/09/21 19:30:50]  
[2020/09/21 20:28:16] <CANR\_SODT> CADS: Copy...js  
[2020/09/21 20:29:31]  
[2020/09/21 20:32:50]  
[2020/09/21 23:22:06] <CANR\_SODT> CADS: Good evening, CANR Manning: COMD - MGen Kenny, CCO - LCol Kastrukoff, SO  
DO - Maj Stockdill, DDO - Capt Meaden, SODT - Cpl Linnington...gl  
[2020/09/21 23:37:51] <CADS MCC1> CANR: CADS Manning: CADS Comd: Col Lachapelle, CADS DO: Maj Banks, MCC: Capt Pip  
ke, MCCT: MWO Eillery.  
[2020/09/21 23:54:58] <CADS MCC1> CANR: Test...dre  
[2020/09/21 23:57:44] <CADS MCC1> CANR:  
[2020/09/21 23:58:19]  
[2020/09/21 23:59:49] <CANR\_SODT> CADS: Copy...gl



ASIS

# Transportation Safety Board of Canada

## External Public Report

**MODE: AIR**

**Report Date: 2021/01/15**

Page: 1

*This information is preliminary and subject to change. The information given for some occurrence may not have been verified by the TSB. Therefore, caution should be used when using this information.*

----- Occurrence 1 -----			
<b>Occurrence No.:</b> A1600158		<b>Occurrence Type:</b> INCIDENT REPORTABLE	
<b>Class:</b> CLASS 5		<b>Reportable Type:</b> RISK OF COLLISION (x)	
<b>Date:</b> 2016-11-14		<b>Time:</b> 07:20:00 EST	
<b>Region of Responsibility:</b> ONTARIO			
<b>Location:</b> 29.00 Nautical miles E From CYTZ - Billy Bishop Toronto City - Toronto			
<b>Country:</b> CANADA		<b>Province:</b> ONTARIO	
<b>Ground Injuries:</b>		<b>Fatal:</b> 0	
		<b>Minor:</b> 0	
		<b>Serious:</b> 0	
		<b>Unknown:</b> 0	
----- Aircraft 1 -----			
<b>Registration:</b> C-GLQL		<b>Operator:</b> PORTER AIRLINES INC.	
<b>Manufacturer:</b> DE HAVILLAND		<b>Operator Type:</b> COMMERCIAL	
<b>Model:</b> DHC-8-400		<b>CARS Sub Part:</b> 705 - AIRLINER	
<b>Injuries:</b>		<b>Fatal:</b> 0	
		<b>Minor:</b> 2	
		<b>Serious:</b> 0	
		<b>None:</b> 56	
		<b>Unknown:</b> 0	
Occurrence Summary:			
<p>C-GLQL, a de Havilland DHC-8-402 aircraft operated by Porter Airlines, was conducting flight POE204 from Ottawa/MacDonald-Cartier Intl, ON (CYOW) to Toronto/Billy Bishop Toronto City, ON (CYTZ). While passing through 8300 feet approximately 29 nautical miles East on the initial approach to CYTZ, the flight crew noticed an object directly ahead on their flight path. The object appeared to be solid, approximately 5 to 8 feet in diameter and shaped like an upright doughnut or inner tube. There appeared to be no relative movement and the object was rapidly getting closer to the aircraft. The captain overrode the autopilot in order to quickly descend the aircraft under the object. The object passed slightly to the right and above the aircraft. There was no impact. Both cabin crew members were in the process of securing the cabin for arrival and were not seated. They received minor injuries when they were thrown into the cabin structure. The aircraft subsequently landed at CYTZ without further incident. There were no reported passenger injuries or damage to the aircraft.</p>			



s.19(1)

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<b>OPERATIONAL SERVICES BRANCH ENGINEERING LABORATORY PROJECT SUMMARY</b>	Occurrence Number <b>A16O0158</b>	Occurrence Classification <b>5</b>	Date of Occurrence <b>14-Nov-2016</b>
	Project Title: <b>FDR Data Analysis</b>		
Project Number: <b>LP286/2016</b>	Vehicle Type: <b>DHC-8-400, C-GLQL</b>		
Prepared By: [Redacted] M.E. Givins, P.Eng. (Manager, Recorders & Vehicle Performance)			
Approved By: [Redacted] S.Dionne, Ph.D. (Manager, Materials Analysis and Structures)		Released On: <i>12 DEC 2016</i>	
Released By: [Redacted] L. Donati, Ph.D. (Director of Operational Services)		Revision:	

Project Summary:

1. The Porter Airlines De Havilland DHC-8-400 aircraft (registration C-GLQL) operating as flight POE204 was on approach to Toronto/Billy Bishop Toronto City Airport, ON (CYTZ). Approximately 29 nm<sup>1</sup> east of the airport, while passing through 8300 feet, the flight crew noticed an object directly ahead on the aircraft flight path. The object appeared to be solid, approximately 5-8 feet in diameter and shaped like an upright doughnut or inner tube. There appeared to be no relative movement and the object was rapidly getting closer to the aircraft. The captain overrode the autopilot to quickly descend the aircraft under the object. The object passed slightly to the right of center and over the aircraft; there was no contact with the object. Both flight attendants, who were securing the cabin for arrival and not seated, received minor injuries when they were thrown against the cabin structure. The aircraft leveled off and landed without further incident.
2. The flight data recorder (FDR) was downloaded by the operator and the Director of Maintenance provided the download file<sup>2</sup> to TSB on 14 Nov 2016.
3. Nav Canada provided the following radar data and Air Traffic Control (ATC) audio files:

File Name	Data	Date Received
AOR208143.aud	ATC audio (NICE media format)	15 Nov 2016
Playback_14Nov2016-1159.dal	Radar data (Winrad format)	15 Nov 2016
2016NOV14_1150_1250_TYZ.RDF	Radar data (single source data)	16 Nov 2016

<sup>1</sup> Nautical Mile

<sup>2</sup> The download file was LQL14NOV.dlu. The .dlu file extension indicates the FDR was a Honeywell model.

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4. The FDR download file contained only 5.0 hours of data.<sup>3</sup> The data included 3 complete flights and a partial flight. The incident flight was the last recorded flight.
5. Figure 1 shows some of the recorded flight data for the entire incident flight which was approximately 47 minutes. Figure 2 is a close-up of the 20 seconds of data centred on the event. At the time of the event the aircraft position was W 78°43'50.1' and N 43°41'28.5" which was 28.5 nm from the threshold of runway 26 at CYTZ and the aircraft was at 8319 feet (pressure altitude) and 237 knots.
6. During the event the Captain Control Column was pushed forward and the aircraft pitched nose down. The following peak values were recorded;

Parameter (units)	Value
Vertical Acceleration (g)	0.07
Lateral Acceleration (g)	-0.17
Longitudinal Acceleration (g)	-0.019
Pitch (degrees, negative nose down)	-5.62
Roll (degrees, negative left wing down)	-5.19
Capt Control Column Force (lbs, positive forward)	39.03

7. During the event the aircraft pitch decreased -4.5 degrees in 1.75 seconds (2.6 degrees/second) and the magnetic heading changed from 277 to 275 degrees. At the same time the airspeed increased by 1 knot and the altitude increased by 42 feet for one data point. The recorded increase in altitude and airspeed is most likely due to a static pressure error during the pitch over.
8. The single source radar data was reviewed using Nav Canada utility software and the range, azimuth and altitude data for the incident aircraft were extracted. These data were converted to latitude and longitude positions and a Google Earth .kml file was produced. Figure 3 shows the radar track and the location of the pitch over event.
9. The data plots and .kml file were provided to the IIC. No further data analysis was required.

<sup>3</sup> The download file was a partial download since FDRs must record a minimum of 25 hours of data.

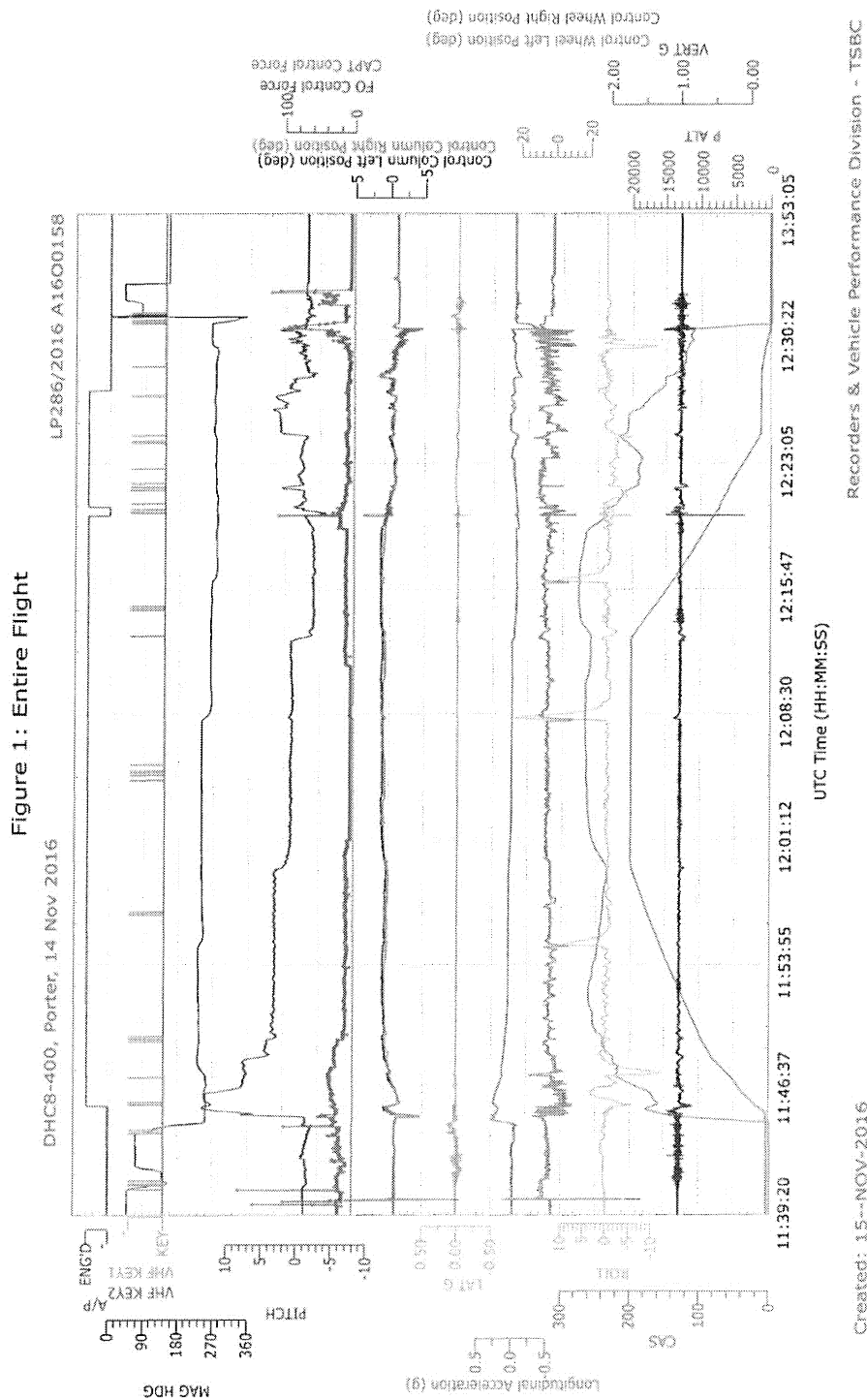


Figure 1: Entire Flight

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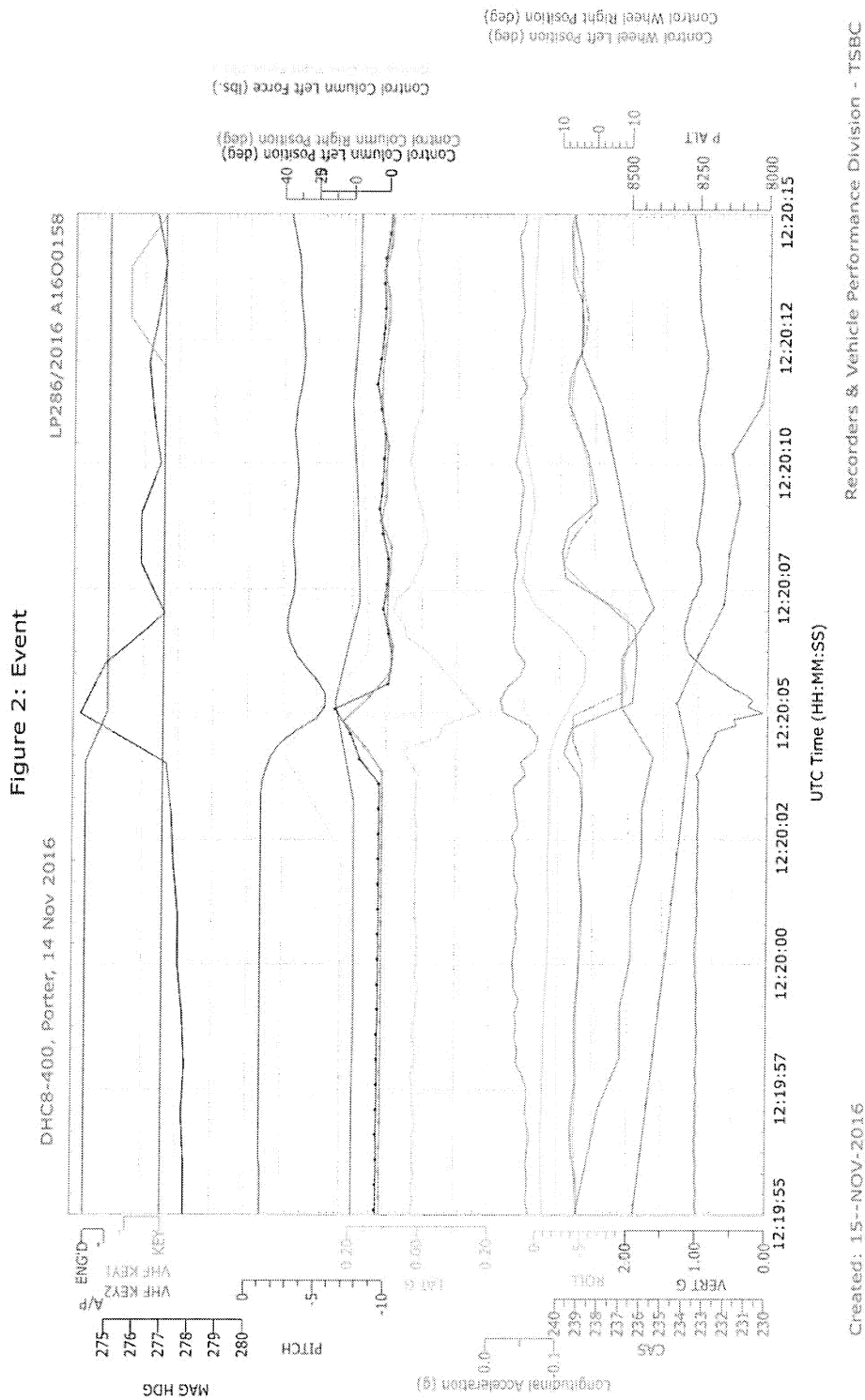






Figure 3: Google Earth Image