

10:15 Local
15:15 2nd



Navigation Log

Wednesday 07-24-19

Dept: 1015L (GMT-5) - Arr: 1346L (GMT-6)

N8910U	IFR	GenAv	BE55/L	Equip: SFG/C
Dep: KOSH	1515Z	160kts	6,000	Route (see below)
Dest: KCDR	ETE: 4:31		Altn: KANW	
Item 18: DOF/190724				
Item 19: FOB: 0600 SOB: 3 PIC:D. BROWN				

ATIS: 125.9 ASOS Ph: 920-426-1644
Cinc: 888-766-8267 (94)
FSS: 800-992-7433 (1-94)
ATC Cinc issues? FltPlan: 1-203-262-8383
Elev: 808 Gnd: 132.3 Twr: 118.5

*Need e-stamp
Reservations in
Remarks 72-24 hrs
Sun 10:15 = 72 hrs
Tue 10:15 = 24 hrs*

BOOTY ODI OTG DAWES

NOTE==> No current winds for that far in the future: using historical wind data for July 24

KOSH to KCDR : TC=264° : (FMS winds: 264°/ 13) : MC= 267° : ST. LINE=637nm : AIRWAY=650nm : Extra=2%

Winds Aloft	FL080 ISA(-01) Comp	FL060 ISA(+03) Comp	Not Available	Not Available
BOOTY	294/017 +10 -015	289/015 +11 -014		
ODI	291/017 +10 -017	283/015 +11 -015		
OTG	291/016 +12 -015	280/015 +13 -015		
DAWES0200	286/015 +14 -014	264/015 +16 -015		
DAWES0100	265/014 +15 -014	231/013 +16 -012		
DAWES	234/012 +16 -011	197/013 +17 -006		
Avg. Trip Winds=>	- 14 Headwind	- 13 Headwind	- 10 Headwind	- 8 Headwind
FLT TIME=>	4:33(+02) 160TAS	4:31(+00) 160TAS		
Fuel Burn=>	85.3 Gal.	92.8 Gal.	-	-

*24-12 hrs prior
need confirmation #
in Remarks 12-24 hrs*

FIX	ST	LAT/LON	InB/Out Mag Crs	Leg	Rem	Fuel Burn Leg Tot.	Leg	Rem	ETE	ATA	WX
KOSH 111.8 OSHKOSH	WI	N4359.1W08833.4	---/267	0	650	1.4 1	0:00	4:31	0:00		
BOOTY	WI	N4348.3W09056.9	260/282	104	546	16.3 18	0:45	3:46	0:45		122.65
ODI 117.9 NODINE	MN	N4354.7W09128.1	285/264	23	523	3.1 21	0:09	3:37	0:54		122.65
OTG 110.6 WORTHINGTON	MN	N4338.8W09534.9	257/254	179	344	24.6 45	1:14	2:23	2:08		122.65
DAWES0200		N4320.8W09841.5	251/250	137	207	18.7 64	0:57	1:26	3:05		122.2
DAWES0100		N4304.3W10056.7	248/246	101	106	13.6 78	0:41	0:45	3:46		122.2
DAWES	NE	N4245.3W10310.5	246/022	100	6	13.2 91	0:40	0:05	4:26		122.65
KCDR CHADRON	NE	N4250.3W10305.7	028/---	6	0	2.0 93	0:05	0:00	4:31		

Elev: 3298 AWOS: 118.05 CTAF: 122.8 Fuel hourly method: 95

ALTN: KANW AINSWORTH AINSWORTH MUNI, NE | Alt: FL070 Brg: 089° 138nm Time: 0:57 Fuel: 18

Fuel (gal.) | Taxi: 1.4 | Trip: 91.4 | Altn: 18.2 | 45 min: 15.0 | Min Fuel Required: 126

A&M AVIATION 122.8	AWOS	FSS Arrival Airport
308-432-8128	308-432-5574	800-992-7433 (1-63-2)
07/24	Sunrise	Sunset
KOSH	5:34	20:27
KCDR	5:35	20:22

in:	on:	Start:	
out:	off:	Rem:	
Block Time:	Flight Time:	Fuel Used:	

TRIP NOTES:
Current/Displayed: 06/19/2019 00:00z

e-stamp
 (user name)
(password)

AOPA Flight Pla
Powered by Jepp.

NAVIGATION LOG
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Route: KOSH -> KSTS
Report Date: June 20, 2019 19:17 Z
Departure: June 20, 2019 20:05 Z
Aircraft: Baron 180
Tail #: N1234

Filed Route
BOOTY V82 ODI OTG KGRN JAWES KCDR OCS KEVW LCU J94 LLC LUSEE

Clearance:

Route:

Altitude:

Frequency:

Transponder:

Departure: KOSH Elevation: 808
ATIS: 125.9 Departure Control: MILWAUKEE 127.0
Ground Control: OSHKOSH 131.3 Tower: OSHKOSH 118.5
UNICOM: OSHKOSH 122.95

Waypoints Fixes	MEA / (MORA) FREQ	Route	MC	Fuel (gal) LEG	Dist (NM) LEG	GS (Kts)	ETE	ATE	WIND
KOSH WITTMAN REGL N43° 59.069 W88° 33.416'		ALT	MH	REM 134	REM 1602	EST ACT	TTE	ATA	OAT
level off	(3700)		267	7	31	155	00:13		
		14000	270	127	1571		00:13		
BOOTY N43° 48.324' W90° 56.925'	(3700)		267	12	73	155	00:27		298@09
		14000	270	115	1498		00:40		
ODI NODINE N43° 54.740' W91° 28.051'	3000	V82	287	4	23	156	00:08		290@14
	117.9	14000	288	111	1475		00:49		
OTG WORTHINGTON N43° 38.815' W95° 34.917'	(4000)		266	32	179	145	01:14		283@26
	110.6	14000	269	79	1296		02:03		
KGRN GORDON MUN N42° 48.358' W102° 10.515'	(5800)		258	54	293	141	02:04		265@29
		14000	259	25	1003		04:08		
DAWES N42° 45.306' W103° 10.473'	(7600)		259	7	44	156	00:16		217@20
		14000	255	18	959		04:25		
KCDR CHADRON MUN N42° 50.253' W103° 5.724'	(7600)		028	1	6	196	00:01		233@28
		14000	25	17	953		04:27		

AOPA Flight Planner
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NAVIGATION LOG
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Route: KOSH -> KSTS
Report Date: June 20, 2019 19:17 Z
Departure: June 20, 2019 20:05 Z
Aircraft: Baron 180
Tail #: N1234

Waypoints Fixes	MEA / (MORA) FREQ	Route	MC	Fuel (gal) LEG	Dist (NM) LEG	GS (Kts)	ETE	ATE	WIND
KCDR CHADRON MUN N42° 50.253' W103° 5.724'		ALT	MH	REM 17	REM 953	EST ACT	TTE	ATA	OAT
OCS ROCK SPRINGS N41° 35.413' W109° 0.920'	(13400)		247	51	273	140	01:57		242@31
	116	14000	245	-34	680		06:24		
KEVW EVANSTON-UINTA CO BU N41° 16.487' W111° 2.078'	(12600)		248	18	93	131	00:42		261@39
		14000	249	-53	587		07:07		
LCU LUCIN N41° 21.777' W113° 50.437'	(12900)		262	24	127	139	00:54		283@31
	113.6	14000	264	-76	460		08:01		
BAM BATTLE MOUNTAIN N40° 34.145' W116° 55.335'	18000	J94	239	26	148	145	01:01		287@29
	112.2	14000	246	-103	313		09:02		
LLC LOVELOCK N40° 7.516' W118° 34.656'	18000	J94	238	15	80	138	00:34		277@34
	116.5	14000	244	-118	233		09:37		
start descent	(13000)		228	32	192	159	01:14		
		14000	235	-150	41		10:52		
LUSEE N38° 19.313' W122° 42.520'	(13000)		228	4	28	159	00:08		303@24
		4309	235	-154	12		11:00		
KSTS SCHULZ-SONOMA CO N38° 30.581' W122° 48.774'	(7100)		323	2	12	164	00:04		342@07
		129	323	-156	0		11:04		
ROUTE TOTALS				289	1602		11:04		
Destination: KSTS Elevation: 129 ATIS: 120.55 Ground Control: SANTA ROSA 121.9 Tower: SANTA ROSA 118.5 UNICOM: SANTA ROSA 122.95									

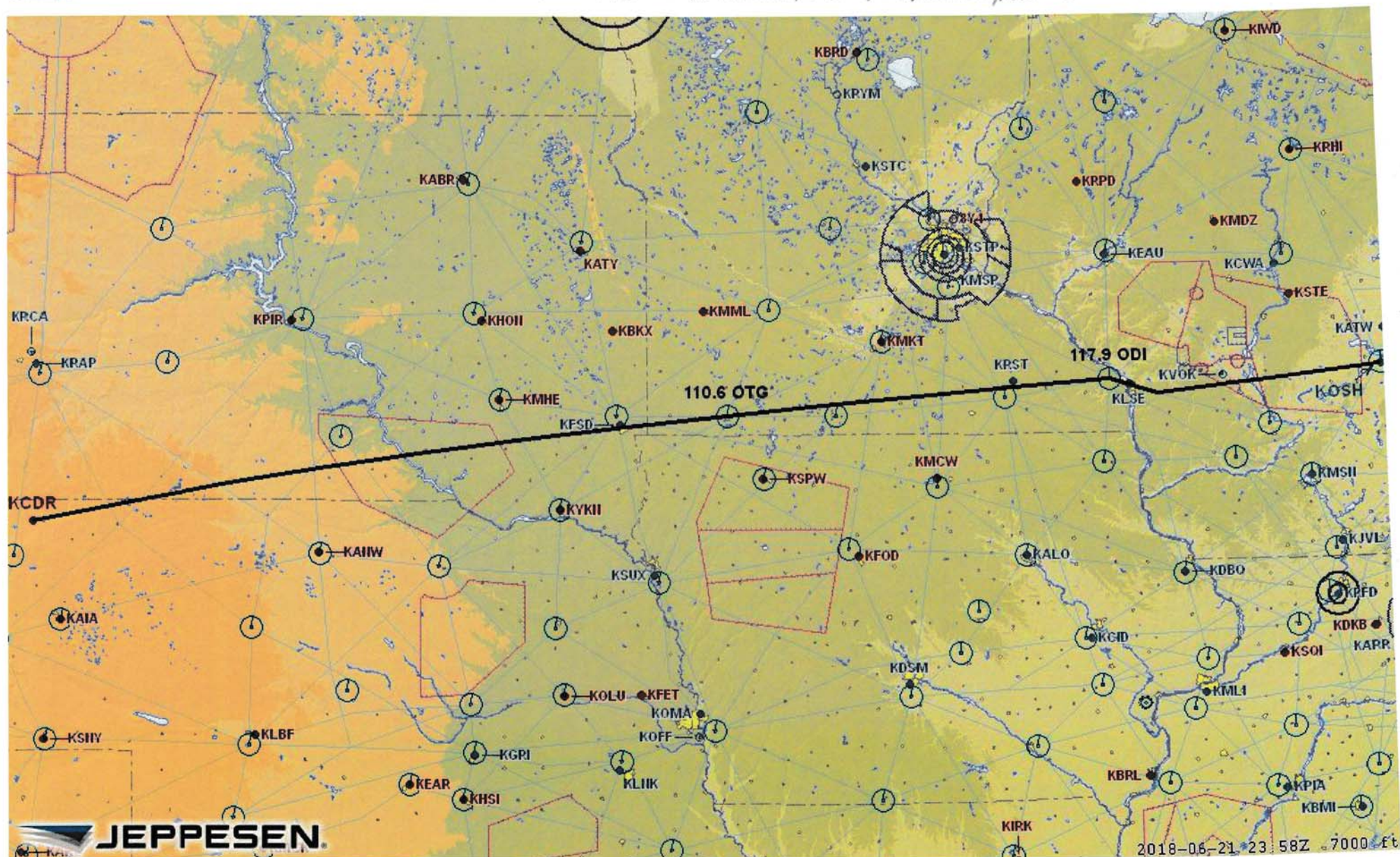
KOSH -> KSTS



Route: KOSH to KCDR

KCDR
Chadron, NE Rnd - Winner, SD & Gordon, NE OK also

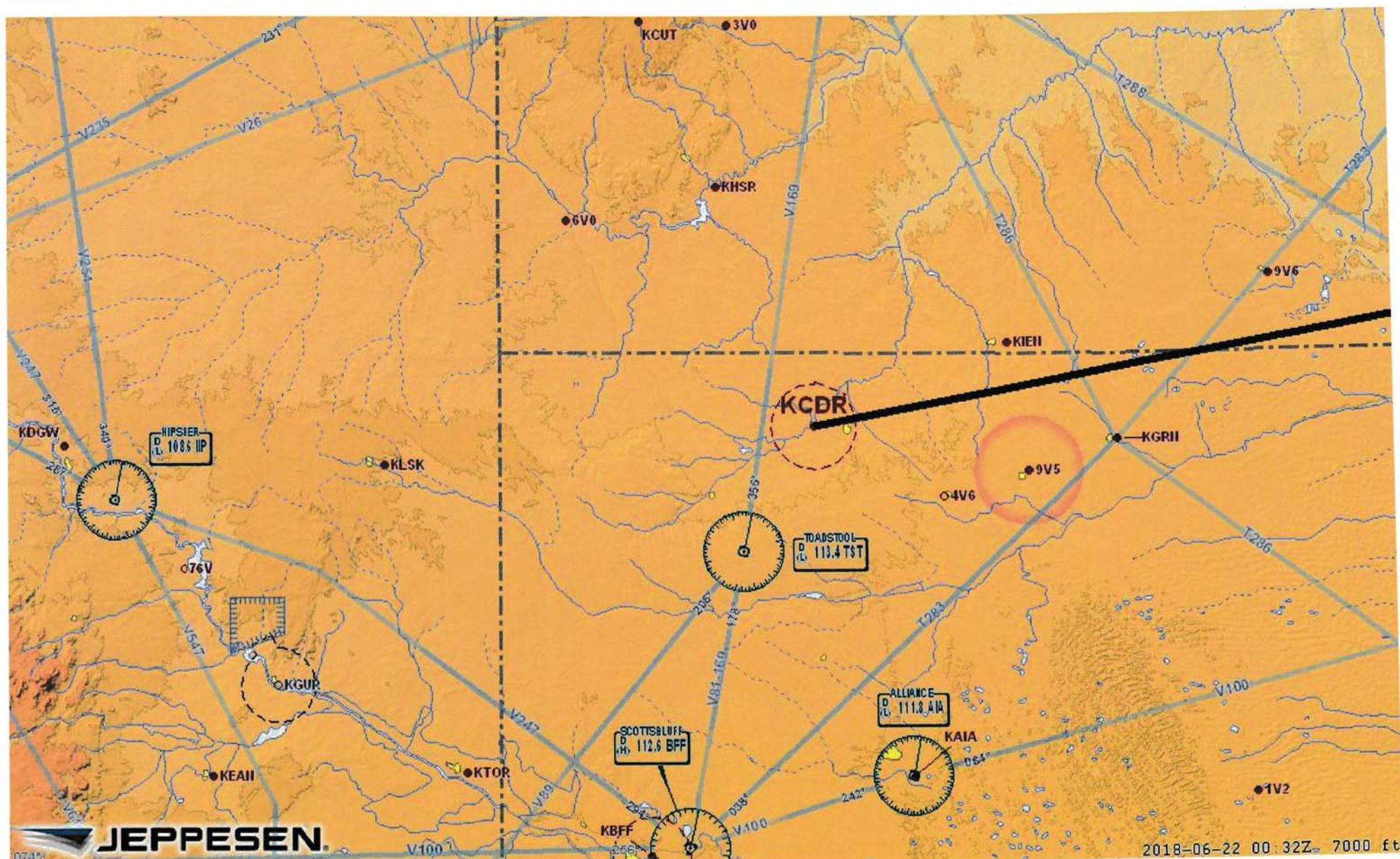
Powered by Jeppesen





Route: KOSH to KCDR

Power & by Jeppesen





Route: KOSH -> KCDR
Report Date: June 22, 2018 00:33 Z
Departure: June 22, 2018 01:29 Z
Aircraft: Baron 180
Tail #: N1234

Planned Route
BOOTY V82 ODI OTG

Waypoints Fixes	MEA / (MORA)	Route	MC	Fuel (gal)	Dist (NM)	GS (Kts)	ETE	ATE	WIND
	FREQ			LEG	LEG				
KOSH WITTMAN REGL N43° 59.069' W88° 33.416'		ALT	MH	REM	REM	EST	TTE	ATA	OAT
				134	638	ACT			
BOOTY N43° 48.324' W90° 56.925'	(3700)		267	15	104	185	00:34		091@19
		7000	267	119	534		00:34		
ODI NODINE N43° 54.740' W91° 28.051'	3000	V82	287	3	23	192	00:07		087@23
	117.90	7000	290	116	511		00:41		
OTG WORTHINGTON N43° 38.815' W95° 34.917'	(4000)		266	24	179	191	00:56		079@21
	110.60	7000	267	92	332		01:37		
KCDR CHADRON MUN N42° 50.253' W103° 5.724'	(7600)		259	48	332	179	01:51		074@10
		3298	260	43	0		03:28		
ROUTE TOTALS				91	638		03:28		

162-012n
8000 SK

320-22
310-31
290-29
340-12
040-14

158

R> NWest SE
255, of CDR

290-6 → 280-6
3004 250-9 75k

SK - Bkn 7,000

Lindberg Joshua

From: ForeFlight <[REDACTED]>
Sent: Thursday, July 25, 2019 12:31 PM
To: Lindberg Joshua
Subject: ForeFlight Re: NTSB request - fatal accident in Chadron NE

Hi Josh,

Sorry to hear that, especially coming from Oshkosh. Mr. Brown did have a ForeFlight account, however he didn't file a flight plan through ForeFlight for that trip, nor did he request a weather briefing through ForeFlight.

He did plan several routes in ForeFlight before flying:

^^^

Date/Time (GMT) Updated Route String

7/24/2019 19:15:35 43.603/-96.156 KCDR IIP KRKS KEVW LCU BAM LLC LUSEE KSTS 7000FT
7/24/2019 19:15:32 43.603/-96.156 KCDR IIP KRKS KEVW LCU BAM LLC LUSEE KSTS KICR 7000FT
7/24/2019 18:25:16 43.782/-90.636 KCDR IIP KRKS KEVW LCU BAM LLC LUSEE KSTS 7000FT
7/24/2019 18:17:48 43.782/-90.636 FSD KCDR IIP KRKS KEVW LCU BAM LLC LUSEE KSTS 7000FT
7/24/2019 18:17:32 43.782/-90.636 FSF KCDR IIP KRKS KEVW LCU BAM LLC LUSEE KSTS 7000FT
7/24/2019 16:36:07 KOSH BOOTY ODI OTG FSD KYKN DAWES KCDR IIP KRKS KEVW LCU BAM LLC LUSEE KSTS 7000FT
^^^

Prior to the flight he looked at these airports, but we don't have any records of what specifically he was viewing: it could have been METARs/TAFs/MOS, or frequencies, or FBO information:

^^^

Last viewed (GMT) Airport ID

7/24/2019 21:44:12 KCDR
7/24/2019 19:46:18 KEVW
7/24/2019 19:45:54 KRKS
7/24/2019 19:45:02 KFBR
7/24/2019 16:08:04 KFLD
7/24/2019 12:57:09 KLOT
^^^

The last approaches or airport diagrams they viewed were:

^^^

Last viewed (Zulu) Airport ID - Procedure name

7/24/2019 18:45:28 KCDR - AIRPORT DIAGRAM
7/24/2019 12:57:58 KFLD - AIRPORT DIAGRAM
^^^

Let us know if you need anything else on this one,

-Josh