

2-4 SIMULATOR SESSION 4

Lindbergh 4504

Location: KMKE runway 7R, engines running

Weather: 16015KT 2SM -SN OVC002 0/-3 A2962, Runway 7R braking action medium

Aircraft: TOW 61,000 LBS, FUEL 8,000 LBS (Frozen), MIN 7,300 LBS, RSV 1,950 LBS, TRIM 5.7, CG 27%

Clearance: KMKE as filed, maintain 4000 expect FL180 in 10 min, dep 135.87, squawk 1430

2-4.1 Briefing

- Review and Questions from Previous Lesson
- Winter Ops (Holdover/Allowance Times, GJS HOT, De-ice/Anti-Ice System), Review SOP 2-25.9 for landing on contaminated runways, thrust reverse use, brake operations and potential for skidding.
- Anti-Ice System Abnormalities
- GPS Approaches
- Engine Fires
- Fires of All Varieties (Briefing Only)
- SE Missed Approach
- Rejected Takeoff
- Maximum Endurance and Range Procedures
- Review Holding Procedures

2-4.2 **Maneuvers**

- De-Ice and Anti-Ice Procedures
- RTO on Contaminated Runway (Pilot Monitoring airspeed frozen/failed between 50 & 60kts)
- Crosswind Takeoff on Contaminated Runway. Braking Action Fair, Medium or RCAM 3. (Use the Simulator Equivalent) (Maximum Crosswind for this is 15kts)
- For Demonstration Purposes Only, Landing with Braking Action Poor or RCAM 1 or 2, with Thrust Reverse used until a complete stop.
- Anti-Ice Malfunctions (Bleed Duct Leak, Wing Overheat, Cowl Heat Inop.)
- LOC DME/BC 24 KGRB
- Go Around Published Missed
- REPO TO KMEM (RWY 27) (*Adjust Wind to 360/15*)
- GPS 27 KMEM Full Stop on Contaminated Runway
- V₁ Cut with Engine Fire in Flight
- SE LOC 18C (*DME HOLD*) Non Precision Approach (wind 270/15)
- SE Missed Approach
- SE ILS 36C Hand Flown from Downwind Leg with FD on AP off to SE Landing (MFO)
- Additional Malfunctions to be covered in this session: Fuel Malfunctions: Main Ejector Pump Fail, Engine Driven Fuel Pump Fail, Navigation Malfunctions: Loss of GPS, MFD failure.

2-4.3 **Debrief**

- Overall rundown of lesson.
- CRM/RRM.
- Issues/questions that arise during lessons.

2-4.4 Dispatch Release

DISPATCH RELEASE
OFP 1 GOJET AIRLINES 27OCT2021 0123Z

IFR FLT G7 4504 KMKE/MKE STD 0030Z ETD 0030Z
KGRB/GRB STA 0100Z ETA 0129Z
AIRCRAFT TAIL NO N521GJ / CRJ/8C5B1
PERF FACTOR 0.0

BY SIGNING, I BELIEVE THAT THIS FLIGHT CAN BE MADE W/ SAFETY

DX SIGNATURE LAURA GARVEY PHONE +1 314 222 4373 DESK GJ2
CA- A D.B COOPER

----- FLIGHT PLAN SUMMARY 4504 KMKE KGRB -----
BURN TIME FUEL ALTN TIME DIST ALT BURN
BURN 0120 3390 T/O ORD
ALTN 0025 1550 DEST1 TVC 0025 129 190 1550
RESERVE 0045 1950
MIN FUEL 6890
TAXI OUT 0030 410
MIN GATE 7300
CONT 0008 700 PLANNED MAX ALLOWABLE
TOTAL 8000 PAX LOAD 50 BOW 45101
LDG FUEL 0053 2686 PAYLD 10500 MPAYLD 11663
ZFW 55601 MZFW 59000
TOW 61000 MTOW 62675
LDG WGT 61000 MLDG 61000
RAMP WGT 61410 MRMP 66000

NO TANKERING RECOMMENDED
LOSS FOR EXTRA FUEL USD/1000 LBS. 5.44

OPERATION MODES CLB CRZ DES
CLIMB 290/.74 AVG WND CMP H30 H20 H36
CRUISE 320/.77 AVG TMP CMP P08 P06 P05
DESCENT 290/.74 AVG CRZ WIND 347 / 21

FMS ROUTE
-KMKE/01L N0421F180 DCT CYNDI DCT GRB DCT KGRB/36

TERRAIN CLEARANCE CHECK

DD CHECK - TERRAIN CHECK COMPLETED WITH NO LIMITATIONS

DP CHECK - TERRAIN CHECK COMPLETED WITH NO LIMITATIONS

* DMI LIST ***** REFER TO MEL/CDL FOR ALL ITEMS *****
* 23-22-01A ACARS EXPIRE YYYY-MM-DD (VALID DATE) *

-----DISPATCH REMARKS-----
SIMULATOR TRAINING FLIGHT, FUEL FROZEN, EXTRA TAXI FOR DE-ICING

PIC SIGNATURE

Rev.: ORIG
Eff.: 12/06/24

Simulator Sessions
Simulator Session 4

CH 2
2—4—4

COMPUTER FLIGHT PLAN				GOJET				G7 FLT 4604		
WP	LAT	TTIME	DIST	IAS	MCH	MC	ALT	WIND	TFB	
STIME	LONG	TTREM	DTGO	TAS	G/S	HDG	IOAT	WCOMP	MFRM	
KMKE/01L		00.25	126	---	---	---			5368	
*** CHICAGO UPPER FIR ***										
KZAU		00.07	33			180				
		00.18	93							
TOC	N43	28.31	00.07	0	290	.74	009	180	333040	
007	W087	50.24	00.18	93	422	276	006	M07	H035	
									905	
									4463	
CYNDI	N43	38.24	00.09	10	320	.67	009	180	334040	
002	W087	49.10	00.16	83	422	387	006	M10	H037	
									134	
									4329	
TOD	N44	04.60	00.13	28	320	.67	348	180	333038	
004	W087	59.82	00.12	55	422	384	347	M11	H029	
									297	
									4032	
*** MINNEAPOLIS LOWER FIR ***										
KZMP		00.16	16			103				
		00.09	39							
GRB	N44	33.31	00.19	14	290	.74	348	056	049009	
006	W088	11.69	00.06	25	422	276	349	P04	T000	
									73	
									3959	
KGRB/36		00.00	0	---	---	---	---	---	266	
				---	---	---	---	---	3693	

OPERATIONAL IMPACTS

WEIGHT CHANGE DN 500	TRIP M 000005 LBS	TIME P 0000
WEIGHT CHANGE UP 500	TRIP P 000004 LBS	TIME P 0000
FL CHANGE UP FL1	NOT AVAILABLE	
FL CHANGE DN FL1	NOT AVAILABLE	
FL CHANGE DN FL2	NOT AVAILABLE	

ATC FLIGHT PLAN

FF KZAUZQZX
KSTLGJSO
(FPL-GJS4504-IS
-CRJ7/M-SDE3GLORVW/EB1
-KMKE0030
-N0421F180 DCT CYNDI DCT GRB DCT
-KGRB0025 KTVC
-PBN/B2B3B4C2C3D2D3 SUR/260B DOF/211027 REG/N521GJ EET/KZMP0015
CODE/A68D44 OPR/GJS PER/C TALT/KORD RMK/TCAS)