

5-2 NHSC SIMULATOR SESSION 2

Lindbergh 4502

Location: KMEM gate R14 (old A27), cold dark cockpit, nighttime

Weather: 27028K 5SM OVC002 20/15 A2992

Aircraft: TOW 61,000 LBS, FUEL 9,000 LBS (Frozen), MIN 8,000 LBS,
RSV 2,312 LBS, TRIM 6.0

Clearance: KMEM as filed, climb via the SID, expect FL210 in 10 min, dep 124.15,
squawk 5432

5-2.1 Briefing

- Review and questions from previous lesson
- Max Crosswind Takeoff/Landing
- High Altitude (Clean Stall, Low Energy Climb, Upsets, CABIN ALT, Max Rate Descent, Unreliable Airspeed)
- Hand Flown RNAV arrival

5-2.2 Maneuvers

- (At night) Safety Check thru Cleared to Start Check
- Start malfunctions
- After Start Check, Taxi with Low Visibility Chart, and Before Takeoff Check
- Runway Incursion problem (stop bar lights)
- Night: Rejected Takeoff, Crosswind Takeoff, Scenario Takeoff Stall
- FL380: Inadvertent Pusher, Clean Stall, Low Energy Climb, Upsets, CABIN ALT, Unreliable AS, Dual Eng Failure
- FA reports Cabin Fire (Smoke/Fire/Fumes Procedure), successfully extinguishes the fire
- Hand Flown RNAV arrival (ARG.DAWGG 2, MEM 36C then change to 18R)

- Scenario Landing Stall on ILS, Reposition on final, Navigation System Abnormal (Fail FMS)
- ILS to Bounced Landing
- Bounced Landing go-around engine failure (Abbreviate and reposition as necessary for time)
- Single Engine Hand Flown ILS 18R to Crosswind Landing

5-2.3 **Debrief**

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

5-2.4 Dispatch Release

DISPATCH RELEASE
OFP 1 GOJET AIRLINES 26OCT2021 2138Z

IFR FLT G7 4502 KMEM/MEM STD 2200Z ETD 2200Z
KMEM/MEM STA 2300Z ETA 2246Z
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
[VALID CREW NAMES, POSITIONS and EMPLOYEE NUMBERS]

----- FLIGHT PLAN SUMMARY 4507 KMEM KMEM -----
TIME FUEL ALTN TIME DIST ALT BURN
BURN 0145 5488 T/O
MSAP 0005 200 DEST1
RESERVE 0045 2312
MIN FUEL 8000
TAXI OUT 0015 205
MIN GATE 8205
CONT 0010 795 PLANNED MAX ALLOWABLE
TOTAL 9000 PAX LOAD 40 BOW 45101
LDG FUEL 0053 2743 PAYLD 8399 MPAYLD 12399
ZFW 53205 MZFW 59000
TOW 61000 MTOW 65000
LDG WGT 61000 MLDG 61000
RAMP WGT 61205 MRMP 66000

NO TANKERING RECOMMENDED
LOSS FOR EXTRA FUEL USD/1000 LBS. 4.99

OPERATION MODES CLB CRZ DES
CLIMB 290/.74 AVG WND CMP T4 H1 H8
CRUISE 320/.77 AVG TMP CMP P11 P13 P09
DESCENT 290/.74 AVG CRZ WIND 306 / 13

FMS ROUTE
-KMEM/36C N0400F140 SELPH# OHULO DCT MEM DCT KMEM/36C

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 (VALID DATE) *

-----DISPATCH REMARKS-----
SIMULATOR TRAINING FLIGHT, FUEL FROZEN, EXPECT

PIC SIGNATURE

COMPUTER FLIGHT PLAN			GOJET				G7 FLT 4502		
WP	LAT	TTIME	DIST	IAS	MCH	MC	ALT WIND	TFB	
STIME	LONG	TTREM	DTGO	TAS	G/S	HDG	IOAT WCOMP	MFRM	
KMEM/36C		-----	-----	---	---	---	---	----	
3937		00.22	117	---	---	---	---	----	
SLONN N35 13.29 00.03			11	290	.74	010	080	307014	
437									
003 W089 56.51 00.19			106	400	220	008	P11	H007	
3500									
TOC N35 26.88 00.06			14	290	.74	014	140	304017	
299									
003 W089 52.99 00.17			92	400	328	011	P04	H006	
3201									
BETYY N35 35.25 00.07			9	320	.62	014	140	306018	
114									
001 W089 50.82 00.16			83	400	395	011	P02	H008	
3087									
SELPH N35 44.16 00.08			9	320	.62	013	140	308018	
98									
001 W089 48.68 00.14			74	400	393	011	P02	H008	
2989									
OHULO N35 46.12 00.09			2	320	.62	013	140	308018	
22									
001 W089 48.21 00.14			72	400	393	010	P02	T006	
2967									
TOD N35 23.22 00.12			23	320	.62	193	140	303016	
244									
003 W089 53.69 00.10			49	400	407	195	P02	T006	
2723									
MEM N35 00.91 00.16			23	290	.74	193	059	308009	
50									
004 W089 58.99 00.06			26	400	319	194	P14	H003	
2673									
KMEM/36C		-----	-----	---	---	---	---	----	
274									
		00.00	0	---	---	---	---	----	
2399									

ATC FLIGHT PLAN

FF KZMEZQZX

KSTLGJSO

(FPL-GJS4504-IS

-CRJ7/M-SDE3GLORVW/EB1

-KMEM2200

-N0400F140 SELPH# OHULO DCT MEM DCT

-KMEM0022

-PBN/B2B3B4C2C3D2D3 SUR/260B DOF/211026 REG/N521GJ CODE/A68D44

OPR/GJS PER/C RMK/TCAS)