

5-4 NHSC SIMULATOR SESSION 4

Lindbergh 4504

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

Weather: 27010KT 1/2SM R18R/1800FT FG OVC002 20/15 A2992

Aircraft: TOW 61,000 LBS, FUEL 9,000 LBS (Frozen), MIN 8,000 LBS,
RSV 2,088 LBS, TRIM 6.0

Clearance: KMEM as filed, climb via the SID, maintain 5,000 expect FL190 in 10 min,
dep 124.15, squawk 5523

5-4.1 Briefing

- Review and questions from previous lesson
- Check ride scenario overview

5-4.2 **Maneuvers (Mock Checkride Scenario)**

- Safety Check thru Cleared to Start Check, Push, (For CA, ramp has no headset...), Push
- First Flight of Day, Start Malfunctions, Low Visibility Taxi
- Low Visibility Takeoff, Nose Door Malfunction, RNAV departure
- Coupled ILS 36C
- Missed approach to published procedure, engine fire
- Single Engine LOC 18C, Single Engine Missed Approach, straight out missed approach
- Vectors to Single Engine Hand Flown ILS 36R, landing
- Reposition to takeoff 36R, Rejected Takeoff, V_1 cut, FADEC relight
- Winds 360/15G25, GPS 27, Gusty Crosswind Landing
- Reposition to Takeoff 27, Gusty Crosswind Takeoff
- Fuel and Oil Abnormal
- FMS exercises
- TCAS RA/Wake Upset
- Steep Turns, Stall series
- Any remaining box checking items
- Flap Fail
- Flaps 1 Visual Approach and Landing on MEM 36L
- Taxi in and shutdown (time permitting)

5-4.3 **Debrief**

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

5-4.4 Dispatch Release

DISPATCH RELEASE
OFP 2 GOJET AIRLINES 26OCT2021 2157Z

IFR FLT G7 4504 KMEM/MEM STD 2200Z ETD 2200Z
KMEM/MEM STA 2300Z ETA 2326Z

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 4505 KMEM KMEM -----

	TIME	FUEL	ALTN	TIME	DIST	ALT	BURN
BURN	0145	5712	T/O				
MSAP	0005	200	DEST1				
RESERVE	0045	2088					
MIN FUEL		8000					
TAXI OUT	0015	205					
MIN GATE		8205					
CONT	0010	795					
TOTAL		9000	PAX LOAD	40	BOW	45101	
LDG FUEL	0053	2635	PAYLD	9899	MPAYLD	13899	
			ZFW	55000	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. 14.06

OPERATION MODES CLB CRZ DES
CLIMB 290/.74 AVG WND CMP T26 H1 H25
CRUISE 320/.77 AVG TMP CMP P11 P14 P09
DESCENT 290/.74 AVG CRZ WIND 298 / 22

FMS ROUTE
-KMEM/36C N0430F190 AZONE# PITEW DCT BNA BLUZZ# 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, CKRD PREP

PIC SIGNATURE

COMPUTER FLIGHT PLAN			GOJET				G7 FLT 4504		
WP	LAT	TTIME	DIST	IAS	MCH	MC	ALT WIND	TFB	
STIME	LONG	TTREM	DTGO	TAS	G/S	HDG	IOAT WCOMP	MFRM	
KMEM/36C		-----	-----	---	---	---	---	----	
		01.02	398	---	---	---	---	----	
6585									
JAAXX N35	08.55	00.02	6	290	.74	023	044	315009	
314									
002 W089	55.67	01.00	392	432	194	021	P18	T009	
6271									
AYERR N35	08.41	00.03	6	290	.74	093	085	306015	
162									
001 W089	50.05	00.59	386	432	289	092	P12	T016	
6109									
STJUD N35	07.11	00.04	5	290	.74	108	105	301018	
98									
001 W089	44.75	00.58	381	432	327	108	P09	T016	
6011									
SWIND N35	05.20	00.06	13	290	.74	100	149	299017	
243									
002 W089	28.86	00.56	368	432	371	099	P02	T017	
5768									
*** MEMPHIS UPPER FIR ***									
KZME		00.08	10			180			
		00.54	358						
TOC N35	01.55	00.08	3	290	.74	108	190	277018	
214									
002 W089	12.73	00.53	354	432	398	108	M06	T017	
5554									
TOWND N35	01.43	00.08	0	320	.68	108	190	278018	
28									
000 W089	12.20	00.53	354	432	447	108	M08	T018	
5526									
AZONE N35	01.46	00.09	4	320	.68	092	190	278018	
33									
001 W089	07.86	00.53	350	432	449	091	M08	T018	
5493									
PITEW N35	01.48	00.09	2	320	.68	092	190	279018	
19									
000 W089	05.43	00.53	348	432	449	091	M08	T015	
5474									

Rev.: 1
Eff.: 04/09/25

Short Course
NHSC Simulator Session 4

CH 5
5—4—5

BNAL12760184198	N3608.2200.27	135320.68062190309037
W08641.0900.34	213432445060M08H023	
CITAN5140083684	N3558.4100.35	50320.68263190301030
W08741.5600.27	163432408266M08H021	
KELNE3170043367	N3551.8900.39	31320.68261190295025
W08818.8700.23	132432409263M08H019	
SPKER3830062984	N3543.8400.45	38320.68261190286020
W08904.2100.17	94432412262M09H011	
BLUZZ1110012873	N3536.1300.46	11320.68229190282019
W08914.1800.15	83432420231M09H011	
LTOWN780012795	N3530.7300.47	8320.68228190279018
W08921.1000.14	75432420230M09H011	
TOD1440032651	N3520.7000.50	15320.68228190274017
W08933.9200.12	61430420230M09H011	
DAPLE000	N3519.6000.50	2290.742281832750162
W08935.3200.12	59430420230M08H0102649	
*** MEMPHIS LOWER FIR ***		
KZME	00.502	173
	00.1257	
MRCEL5	N3516.1900.51	3290.74228162288016
W08939.6700.11	54430361230M04H004	
DASAC11	N3510.0600.52	9290.74228123301016
W08947.4300.10	45430362230P04H004	
CLARK10	N3506.4700.53	5290.74228100300016
W08951.9800.09	40430345230P08T008	

DIGLE N35 01.46 00.54	5	290	.74	181	090	302014
17						
001 W089 51.92 00.08	35	430	312	183	P09	T006
2606						
DINKE N34 46.44 00.57	15	290	.74	181	033	315007
58						
003 W089 51.73 00.05	20	430	285	182	P17	H006
2548						
KMEM/36C	-----	----	---	---	---	----
246						
	00.00	0	---	---	---	----
2302						

OPERATIONAL IMPACTS

WEIGHT CHANGE DN 500	TRIP M 000230 LBS	TIME P 0000
WEIGHT CHANGE UP 500	TRIP M 000210 LBS	TIME P 0000
FL CHANGE UP FL1	TRIP M 000271 LBS	TIME M 0000
FL CHANGE DN FL1	TRIP M 000131 LBS	TIME P 0001
FL CHANGE DN FL2	TRIP M 000059 LBS	TIME P 0002

ATC FLIGHT PLAN

FF KZMEZQZX
KSTLGJJO
(FPL-GJS4504-IS
-CRJ7/M-SDE3GLORVW/EB1
-KMEM2200
-N0430F190 AZONE# PITEW DCT BNA BLUZZ#
-KMEM0102
-PBN/B2B3B4C2C3D2D3 SUR/260B DOF/211026 REG/N521GJ CODE/A68D44
OPR/GJS PER/C RMK/TCAS)