

DCA22MA009

OPERATIONAL FACTORS/HUMAN PERFORMANCE

Group Chair's Factual Report - Attachment 5

Accident Flight Paperwork

October 26, 2022

(P)

Z - 33.8 kg
T/O - 50.7 kg
CG - 22.8

FLT VTS987AK
STD/STA 1500/1830 MD87 N1111
SCHD/PLAN : /0312 IFR FLIGHT RELEASE 10-19-21 1500 GMT

PLAN 97576 EVERTS AIR KTME TO KBED LRC F 10-19-21
NONSTOP COMPUTED 11362 PROGS 190609TEL KGS
*** AUTOMATIC WEIGHT RECALCULATION ***

FLT PLANS IN KG

F11 FLX 50
129/132/140
145/180/228

XXX/BED FL370 1440 NM W/C:P035 ALT: ORH/ / 29 NM T/O ALT: NIL 0 NM

KTME STRYAB DPATY DCT MHZ DCT IGB DCT GQO DCT PSK DCT EMI DCT RBV
J42 HFD GRAYM6 KBED

FROM	XXX	TIME	FUEL KGS	WEIGHTS	(KGS)
DESTIN	BED	03:12	008307	A/C ADJUSTED WGT	036648
ALTERN	ORH	00:07	001174	PAYLOAD /	002496
RESERVE		00:45	001556	ZERO FUEL WEIGHT	039144
CONT/HOLD		00:00	000000	TAKEOFF FUEL	012587
IFR MIN FUEL		04:04	011037	TAKEOFF GROSS WT	051731
EXTRA FUEL		00:45	001550	EST FUEL BURN	008307
TAXI IN		00:00	000000	EST LDG WT/FUEL	043424 4280 RM
TOTAL @ T/O		04:49	012587		
TAXI OUT		00:05	000113	EST ALT LDG WT	042250
RAMP			012700	EST ALT LDG FUEL	003106

FUEL BURN ADJUSTMENT FOR 1000 KGS INCREASE IN TAKEOFF WT = 0130 KGS

AIRPORTS

KTME---HOUSTON EXECUTIVE ---HOUSTON
KBED---LAURENCE G HANSCOM F---BEDFORD
KORH---WORCESTER REGL ---WORCESTER

IN/ON _____ / _____ FLT/BLK _____ / _____ RMKS _____

OUT/OFF _____ / _____ ETA _____ REV CARGO _____ DLY _____

START FUEL _____ LBS FUEL ADDED _____ LBS/ _____ USG FOB _____

FUEL BURN _____ FUEL REMAIN _____

LRC FL370 008307 03/12 1440 035
LRC FL350 008427 03/12 1440 033

ALTERNATE DATA	MSA	TTK	DIST	FL	W/C	TIME	FUEL
ALTERNATE - 1 KORH	023	245	0029	060	M017	0007	1174

ROUTE TO ALTERNATE 1
KBED DCT KORH

MEL-CDL

RVSM OPERATIONAL

RAIM VALIDATION FAILED

OPS-BUL 21-44

CHECK ONE:

- () THE FLT MAY NOT DEP BEFORE.....Z DUE TO CREW TIME RESTRICTIONS
- (X) THERE ARE NO DEP LIMITATIONS DUE TO FLT CREW MEMBER TIMES

PART 91 ✓

PART 91 ✓

FLT PLANS IN
KG

CPT: [REDACTED]
FO : [REDACTED]

AMT 1 ___/___/___ AMT 2 ___/___/___ AMT 3 ___/___/___

PIC/ZULU/FF

PIC/ZULU/FF

PIC/ZULU/FF

DISPR: [REDACTED]
RELEASE DATE: 10-19-21
RELEASE TIME: 1500Z

NAME: [REDACTED]

CERTIFY THAT THIS FLIGHT HAS BEEN
PLANNED IN ACCORDANCE WITH ALL APPLICABLE CFRs
AND I MEET PIC QUALIFICATION REQUIREMENTS.

... *N/A* I CERTIFY I MEET FAR 121.445 SPECIAL
AIRPORT QUALIFICATIONS AND FOR DOD I HAVE
PICTORIALLY QUALIFIED WITHIN 30 DAYS

KTME ELEV 00166FT

AWY	WPT	FL	TAS	WIND	MCS	DISTANCE	TIME	ETA	FUEL	ACCF
MSA	FREQ	MAC	G/S	TDV	SR	VAR	REMD	ACCD	REMT	ACCT
FIR	LAT/LONG									

DCT	CLAVN	CLB	390	25028	038	104	0015	..	02259	02259
015		CLB	413	CLB	03	E02	1336	0104	0257	0015
	N31004	W094325								

DCT	TOC	CLB	415	26055	062	006	0001	..	00070	02329
016		CLB	468	CLB	02	E02	1330	0110	0256	0016
	N31031	W094262								

DCT	STRYA	370	438	26057	062	034	0004	..	00156	02485
016		761	492	P02	02	E01	1296	0144	0252	0020
	N31184	W093506								

DCT	DPATY	370	438	26056	068	126	0015	..	00575	03060
016		761	492	P02	01	E00	1170	0270	0237	0035
	N32043	W091329								

KZME N32052/W091296

DCT	MHZ	370	436	26058	074	077	0010	..	00344	03404
015		113.20	758	492	P01	01	W01	1093	0347	0227
	N32260	W090060								

DCT	IGB	370	436	27058	054	101	0013	..	00471	03875
017		116.20	758	478	P01	01	W02	0992	0448	0214
	N33291	W088308								

KZTL N33551/W087337

DCT	GQO	370	435	28048	066	189	0024	..	00877	04752
033		115.80	755	470	P02	03	W04	0803	0637	0150
	N34577	W085092								

DCT	PSK	370	430	28034	066	251	0033	..	01181	05933
083		116.80	746	457	P02	02	W07	0552	0888	0117

①

Weight & Balance Sheet

Date OCT 18, 2021

Total Pax 19

PIC [Redacted]

Fuel Onboard (Wt - lbs)

27998

A/C Reg N987AK

Flight No N987AK

SIC [Redacted]

Trip Fuel (Wt - lbs)

18465

A/C Type Douglas MD-87

From KTIME

Observer

Version 12 Crew

To NBED

Comments

CG Envelope

Weight (lbs) FWD Limit MAC 28.4

AFT Limit MAC 30.5

Fuselage Stations (Wt - lbs)

Operating Weight 80365

Payload 3686

Zero Fuel 84051 1.9 21.1 30.5 ✓

(Max 86300 lbs) 224905 Under Load

Fuel 27998

Ramp 112049

(Max 141000 lbs)

Taxi Fuel 500

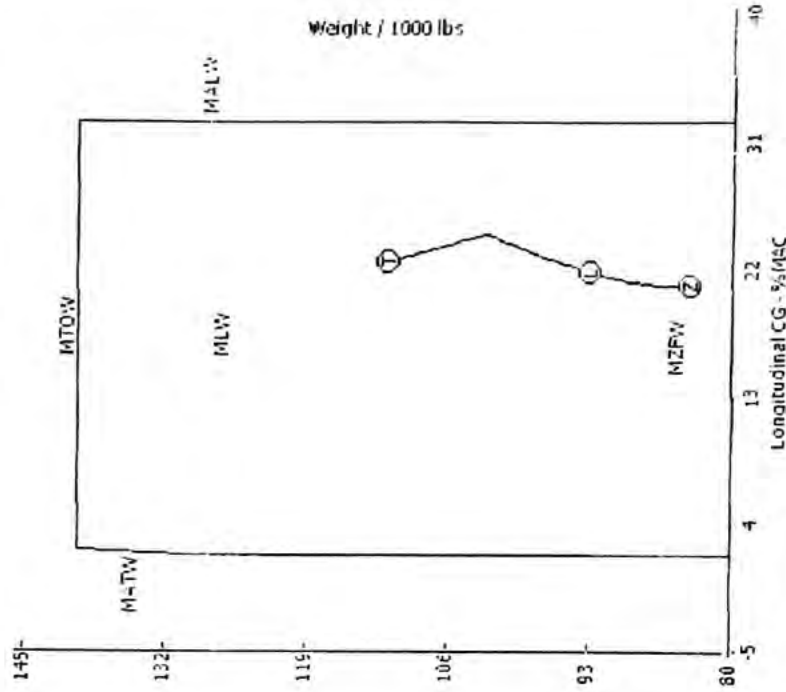
Take-Off 111549 1.9 22.8 32.6 ✓

(Max 135200 lbs) 22551 lbs Under Load

Trip Fuel 18465

Landing 93084 1.9 22.1 32.6

(Max 128000 lbs) 24815 lbs Under Load



I certify the aircraft weight and center of gravity are within AFM limits.

Prepared By:

PIC Signature:

14.11.2 Form OD-212 Crew Briefing Checklist

Date: 10/20/2021 Flight: N987AK Flight Plan #: 97572 A/C: N987AK

CREW

Crew Duty/Flight Time no issues Part 91

RUNWAY

Dimensions/Closures _____

Contamination/RCR _____

AIRPORTS

Special Airport/Appr. N/A C050 C067 C081

Slots/Permits _____

Parking _____

PCN (Weight Bearing) _____

Noise/Curfews _____

Deicing _____

ROUTE

Routing KTME-KBED

Over Water NA

RVSM OPERATIONAL

Any Part 91 Legs KTME/KBED , N/A /N/A , N/A /N/A , N/A /N/A , N/A /N/A

WEATHER / NOTAMS

Approved METAR and TAF Available YES NO EWINS TAF/AAG Forecast

METAR SEE PACKET

TAF SEE PACKET

Severe Weather _____

PIREPs _____

NOTAMs SEE PACKET

ESTOP Airport _____

FUEL

Vendor Information _____ Audit and logbook entry required? _____

AIRCRAFT

DMIs _____

L48 / INTERNATIONAL

Customs Instructions N/A

APIS N/A

Int. Trash/Bug Bombs N/A

Passports/Visas/Medical N/A

Security/CDC/Travel Warning N/A

Agent Information n/a

Accommodations n/a

ADDITIONAL NOTES

Crew received briefing at _____ Z by _____ Captain Signature _____

FLT VTS987AK
 STD/STA 1500/1830 MD87 N1111
 SCHD/PLAN : /0312 IFR FLIGHT RELEASE 10-19-21 1500 GMT

PLAN 97576 EVERTS AIR KTME TO KBED LRC F 10-19-21
 NONSTOP COMPUTED 1136Z PROGS 190609TEL KGS
 *** AUTOMATIC WEIGHT RECALCULATION ***

XXX/BED FL370 1440 NM W/C:P035 ALT: ORH/ / 29 NM T/O ALT: NIL 0 NM

KTME STRYA8 DPATY DCT MHZ DCT IGB DCT GQO DCT PSK DCT EMI DCT RBV
 J42 HFD GRAYM6 KBED

FROM	XXX	TIME	FUEL KGS	WEIGHTS	(KGS)
DESTIN	BED	03:12	008307	A/C ADJUSTED WGT	036648
ALTERNT	ORH	00:07	001174	PAYLOAD /	002496
RESERVE		00:45	001556	ZERO FUEL WEIGHT	039144
CONT/HOLD		00:00	000000	TAKEOFF FUEL	012587
IFR MIN FUEL		04:04	011037	TAKEOFF GROSS WT	051731
EXTRA FUEL		00:45	001550	EST FUEL BURN	008307
TAXI IN		00:00	000000	EST LDG WT/FUEL	043424 4280 RM
TOTAL @ T/O		04:49	012587		
TAXI OUT		00:05	000113	EST ALT LDG WT	042250
RAMP			012700	EST ALT LDG FUEL	003106

FUEL BURN ADJUSTMENT FOR 1000 KGS INCREASE IN TAKEOFF WT = 0130 KGS

AIRPORTS

KTME---HOUSTON EXECUTIVE ---HOUSTON
 KBED---LAURENCE G HANSCOM F---BEDFORD
 KORH---WORCESTER REGL ---WORCESTER

IN/ON _____ / _____ FLT/BLK _____ / _____ RMKS _____

OUT/OFF _____ / _____ ETA _____ REV CARGO _____ DLY _____

START FUEL _____ LBS FUEL ADDED _____ LBS/ _____ USG FOB _____

FUEL BURN _____ FUEL REMAIN _____

LRC FL370 008307 03/12 1440 035
 LRC FL350 008427 03/12 1440 033

ALTERNATE DATA	MSA	TTK	DIST	FL	W/C	TIME	FUEL
ALTERNATE - 1 KORH	023	245	0029	060	M017	0007	1174

ROUTE TO ALTERNATE 1
 KBED DCT KORH

MEL-CDL

RVSM OPERATIONAL

RAIM VALIDATION FAILED

OPS-BUL 21-44

CHECK ONE:

- () THE FLT MAY NOT DEP BEFORE.....Z DUE TO CREW TIME RESTRICTIONS
- (X) THERE ARE NO DEP LIMITATIONS DUE TO FLT CREW MEMBER TIMES

OPERATIONAL FACTORS/HUMAN PERFORMANCE
 ATTACHMENT 5

PART 91

PART 91

CPT: [REDACTED]
FO : [REDACTED]

AMT 1 ____/____/____ AMT 2 ____/____/____ AMT 3 ____/____/____
PIC/ZULU/FF PIC/ZULU/FF PIC/ZULU/FF

DISPR: [REDACTED] NAME: [REDACTED]
RELEASE DATE: 10-19-21 I CERTIFY THAT THIS FLIGHT HAS BEEN
RELEASE TIME: 1500Z PLANNED IN ACCORDANCE WITH ALL APPLICABLE CFRs
AND I MEET PIC QUALIFICATION REQUIREMENTS.

..... I CERTIFY I MEET FAR 121.445 SPECIAL
AIRPORT QUALIFICATIONS AND FOR DOD I HAVE
PICTORIALLY QUALIFIED WITHIN 30 DAYS

KTME ELEV 00166FT
AWY WPT FL TAS WIND MCS DISTANCE TIME ETA FUEL ACCF
MSA FREQ MAC G/S TDV SR VAR REMD ACCD REMT ACCT ATA REMF AREMF
FIR LAT/LONG

DCT CLAVN CLB 390 25028 038 104 0015 .. . 02259 02259
015 CLB 413 CLB 03 E02 1336 0104 0257 0015 .. . 10328 .. .
N31004 W094325

DCT TOC CLB 415 26055 062 006 0001 .. . 00070 02329
016 CLB 468 CLB 02 E02 1330 0110 0256 0016 .. . 10258 .. .
N31031 W094262

DCT STRYA 370 438 26057 062 034 0004 .. . 00156 02485
016 761 492 P02 02 E01 1296 0144 0252 0020 .. . 10102 .. .
N31184 W093506

DCT DPATY 370 438 26056 068 126 0015 .. . 00575 03060
016 761 492 P02 01 E00 1170 0270 0237 0035 .. . 09527 .. .
N32043 W091329

KZME N32052/W091296

DCT MHZ 370 436 26058 074 077 0010 .. . 00344 03404
015 113.20 758 492 P01 01 W01 1093 0347 0227 0045 .. . 09183 .. .
N32260 W090060

DCT IGB 370 436 27058 054 101 0013 .. . 00471 03875
017 116.20 758 478 P01 01 W02 0992 0448 0214 0058 .. . 08712 .. .
N33291 W088308

KZTL N33551/W087337

DCT GQO 370 435 28048 066 189 0024 .. . 00877 04752
033 115.80 755 470 P02 03 W04 0803 0637 0150 0122 .. . 07835 .. .
N34577 W085092

DCT PSK 370 430 28034 066 251 0033 .. . 01181 05933
083 116.80 746 457 P02 02 W07 0552 0888 0117 0155 .. . 06654 .. .

OPERATIONAL FACTORS/HUMAN PERFORMANCE
ATTACHMENT 5

N37053 W080428

KZDC N37118/W080332

KZNY N39264/W077042

DCT EMI 370 425 29053 060 228 0030 .. . 01070 07003
 052 117.90 738 452 P02 01 W10 0324 1116 0047 0225 .. . 05584
 N39297 W076587

DCT RBV 370 421 30071 081 122 0016 .. . 00561 07564
 021 113.80 729 457 P03 02 W12 0202 1238 0031 0241 .. . 05023
 N40121 W074297

J42 LAURN 370 421 31078 052 027 0004 .. . 00137 07701
 014 729 416 P03 02 W12 0175 1265 0027 0245 .. . 04886
 N40331 W074072

J42 TOD 370 422 31081 052 020 0003 .. . 00105 07806
 016 729 413 P04 02 W13 0155 1285 0024 0248 .. . 04781
 N40490 W073500

KZBW N40506/W073483

J42 LLUND DSC 439 31080 052 004 0000 .. . 00014 07820
 016 DSC 433 DSC 03 W13 0151 1289 0024 0248 .. . 04767
 N40518 W073470

J42 SANTT DSC 440 31085 053 025 0004 .. . 00103 07923
 019 DSC 429 DSC 01 W13 0126 1314 0020 0252 .. . 04664
 N41113 W073254

J42 PACER DSC 443 31086 068 027 0003 .. . 00114 08037
 019 DSC 455 DSC 00 W13 0099 1341 0017 0255 .. . 04550
 N41264 W072564

J42 HFD DSC 447 31086 069 021 0003 .. . 00086 08123
 019 114.90 DSC 458 DSC 01 W13 0078 1362 0014 0258 .. . 04464
 N41385 W072328

DCT KBED DSC 340 31057 060 078 0014 .. . 00184 08307
 028 DSC 335 DSC 03 W14 0000 1440 0000 0312 .. . 04280
 N42282 W071173

KBED ELEV 00132FT

KTME	N2948.3	W09553.9	EMI	N3929.7	W07658.7	117.90
CLAVN	N3100.4	W09432.5	RBV	N4012.1	W07429.7	113.80
STRYA	N3118.4	W09350.6	LAURN	N4033.1	W07407.2	
DPATY	N3204.3	W09132.9	LLUND	N4051.8	W07347.0	
MHZ	N3226.0	W09006.0	113.20	SANTT	N4111.3	W07325.4
IGB	N3329.1	W08830.8	116.20	PACER	N4126.4	W07256.4
GQO	N3457.7	W08509.2	115.80	HFD	N4138.5	W07232.8
PSK	N3705.3	W08042.8	116.80	KBED	N4228.2	W07117.3

WINDS/TEMPERATURES ALOFT FORECAST

FD DATA BASED ON 190609TEL

	FL120	FL180	FL240	FL300	FL340	FL390	FL450	FL490
KTME	0400P04	2301M08	2403M23	2505M37	2506M48	2506M58	2507M63	2505M66

OPERATIONAL FACTORS/HUMAN PERFORMANCE
 ATTACHMENT 5

KNTKY	2200P05	2301M08	2403M23	2505M37	2506M47	2506M58	2507M63	2505M67
PEETY	2000P04	2301M08	2403M22	2605M37	2505M47	2506M58	2507M64	2505M67
DARTR	2200P04	2301M08	2503M23	2605M37	2506M47	2506M58	2506M63	2504M67
MUSIQ	2200P04	2301M08	2503M23	2605M37	2506M47	2506M58	2506M63	2504M67
CLAVN	2100P04	2301M08	2504M23	2505M37	2506M47	2605M59	2506M63	2504M66
STRYA	2000P04	2401M08	2503M24	2605M37	2506M48	2606M59	2606M63	2504M66
DPATY	2400P03	2601M08	2402M23	2704M37	2606M47	2606M60	2605M62	2603M66
MHZ	1901P03	2501M09	2602M23	2804M38	2706M48	2606M60	2605M61	2603M65
IGB	1901P02	2801M09	2802M24	2704M38	2805M48	2705M59	2704M60	2703M65
GQO	2901P00	2902M10	2902M25	3003M39	3004M49	2803M57	2704M60	2803M64
PSK	3002M01	2902M11	2803M26	2704M42	2704M50	2804M57	2904M61	3004M63
EMI	3104M03	3105M14	3106M27	3007M43	3007M50	3006M56	3005M60	3004M61
RBV	3104M05	3106M17	3107M29	3108M43	3108M51	3007M55	3006M58	3005M60
LAURN	3205M05	3106M18	3107M30	3109M43	3109M51	3107M54	3106M57	3105M60
LLUND	3205M06	3206M18	3107M30	3108M43	3109M51	3108M54	3206M56	3105M58
SANTT	3205M06	3206M18	3107M31	3108M43	3109M51	3108M56	3107M56	3005M58
PACER	3206M06	3206M19	3107M31	3109M44	3109M51	3109M55	3107M56	3005M57
HFD	3206M07	3207M19	3107M31	3109M43	3109M50	3108M53	3106M56	3005M57
DVANY	3206M08	3207M19	3108M31	3108M43	3109M50	3108M54	3106M55	3005M57
GRAYM	3206M08	3207M19	3108M32	3109M44	3109M51	3108M54	3106M53	3105M55
GASSE	3206M09	3207M20	3208M32	3209M44	3109M51	3108M54	3106M53	3104M54
DREEM	3206M09	3208M20	3208M32	3209M45	3109M51	3108M52	3105M52	3104M54
KBED	3206M09	3208M20	3208M32	3209M45	3109M51	3108M52	3105M52	3104M54

(FPL-N1111-IN
 -MD87/M-SDFWG/S
 -KTME1500
 -N0436F370 STRYA8 DPATY DCT MHZ DCT IGB DCT GQO DCT PSK DCT EMI
 DCT RBV J42 HFD GRAYM6
 -KBED0312 KORH
 -DOF/211019 REG/N1111
 EET/STRYA0020 DPATY0035 MHZ0045 IGB0058 GQO0122 PSK0155 EMI0225
 RBV0241 LAURN0245
 SEL/DJCF OPR/EVERTS AIR CARGO 9074502356)

END OF NAVTECH PLAN
 REQUEST NO. 97576

FLT ~~VTS987AK~~ N987AK

STD/STA 1500/1830 MD87 N987AK
SCHD/PLAN : /0310 IFR FLIGHT RELEASE 10-19-21 1500 GMT

PLAN (97572)^u..... EVERTS AIR KTME TO KBED LRC F 10-19-21
NONSTOP COMPUTED 1132Z PROGS 190609TEL LBS

*** AUTOMATIC WEIGHT RECALCULATION ***

XXX/BED FL370 1440 NM W/C:P035 ALT: ORH/ / 29 NM T/O ALT: NIL 0 NM

KTME STRYAS DPATY DCT MHZ DCT IGB DCT GQO DCT PSK DCT EMI DCT RBV
J42 HFD GRAYM6 KBED

FROM	XXX	TIME	FUEL LBS	WEIGHTS	(LBS)
DESTIN	BED	03:10	018465	A/C ADJUSTED WGT	080405
ALTERN	ORH	00:07	002655	PAYLOAD /	005895
RESERVE		00:45	003529	ZERO FUEL WEIGHT	086300
CONT/HOLD		00:00	000000	TAKEOFF FUEL	027748
IFR MIN FUEL		04:02	024649	TAKEOFF GROSS WT	114048
EXTRA FUEL		00:40	003099	EST FUEL BURN	018465
TAXI IN		00:00	000000	EST LDG WT/FUEL	095583 9283 RM
TOTAL @ T/O		04:42	027748		
TAXI OUT		00:05	000250	EST ALT LDG WT	092928
RAMP			027998	EST ALT LDG FUEL	006628

FUEL BURN ADJUSTMENT FOR 1000 LBS INCREASE IN TAKEOFF WT = 0131 LBS

AIRPORTS

KTME---HOUSTON EXECUTIVE ---HOUSTON
KBED---LAURENCE G HANSCOM F---BEDFORD
KORH---WORCESTER REGL ---WORCESTER

IN/ON _____ / _____ FLT/BLK ____ / ____ RMKS _____

OUT/OFF _____ / _____ ETA _____ REV CARGO _____ DLY _____

START FUEL _____ LBS FUEL ADDED _____ LBS/ _____ USG FOB _____

FUEL BURN _____ FUEL REMAIN _____

LRC FL370 018465 03/10 1440 035
LRC FL350 018872 03/12 1440 034

ALTERNATE DATA	MSA	TTK	DIST	FL	W/C	TIME	FUEL
ALTERNATE - 1 KORH	023	245	0029	080	M017	0007	2655

ROUTE TO ALTERNATE 1
KBED DCT KORH

MEL-CDL

RVSM OPERATIONAL

PART 91

RAIM VALIDATION PASSED

OPS-BUL 21-44

CHECK ONE:

() THE FLT MAY NOT DEP BEFORE.....Z DUE TO CREW TIME RESTRICTIONS

(X) THERE ARE NO DEP LIMITATIONS DUE TO FLT CREW MEMBER TIMES

OPERATIONAL FACTORS/HUMAN PERFORMANCE
ATTACHMENT 5

PART 91

CPT: [REDACTED]
FO : [REDACTED]

AMT 1 ___/___/___ AMT 2 ___/___/___ AMT 3 ___/___/___

PIC/ZULU/FF

PIC/ZULU/FF

PIC/ZULU/FF

DISPR: [REDACTED]
RELEASE DATE: 10-19-21
RELEASE TIME: 1500Z

..... NAME: [REDACTED]
..... I CERTIFY THAT THIS FLIGHT HAS BEEN
PLANNED IN ACCORDANCE WITH ALL APPLICABLE CFRs
AND I MEET PIC QUALIFICATION REQUIREMENTS.

..... I CERTIFY I MEET FAR 121.445 SPECIAL
AIRPORT QUALIFICATIONS AND FOR DOD I HAVE
PICTORIALLY QUALIFIED WITHIN 30 DAYS

KTME	ELEV	00166FT											
AWY	WPT	FL	TAS	WIND	MCS	DISTANCE	TIME	ETA	FUEL	ACCF			
MSA	FREQ	MAC	G/S	TDV	SR	VAR	REMD	ACCD	REMT	ACCT	ATA	REMF	AREMF
FIR	LAT/LONG												

DCT	CLAVN	CLB	386	25029	038	104		0015	..	..	05072	05072
015		CLB	409	CLB	03	E02	1336	0104	0255	0015	22676	..
	N31004		W094325											

DCT	TOC	CLB	415	26055	062	002		0000	..	..	00055	05127
016		CLB	468	CLB	02	E02	1334	0106	0255	0015	22621	..
	N31013		W094304											

DCT	STRYA	370	438	26057	062	038		0005	..	..	00396	05523
016		760	491	P02	02	E01	1296	0144	0250	0020	22225	..
	N31184		W093506											

DCT	DPATY	370	437	26056	068	126		0016	..	..	01294	06817
016		759	491	P02	01	E00	1170	0270	0234	0036	20931	..
	N32043		W091329											

KZME N32052/W091296

DCT	MHZ	370	436	26058	074	077		0009	..	..	00780	07597	
015		113.20	759	493	P01	01	W01	1093	0347	0225	0045	20151	..
	N32260		W090060												

DCT	IGB	370	436	27058	054	101		0013	..	..	01060	08657	
017		116.20	759	479	P01	01	W02	0992	0448	0212	0058	19091	..
	N33291		W088308												

KZTL N33551/W087337

DCT	GQO	370	437	28048	066	189		0024	..	..	01978	10635	
033		115.80	759	472	P02	03	W04	0803	0637	0148	0122	17113	..
	N34577		W085092												

DCT	PSK	370	437	28034	066	251		0032	..	..	02632	13267	
083		116.80	758	463	P02	02	W07	0552	0888	0116	0154	14481	..
	N37053		W080428												

KZDC N37118/W080332

KZNY N39264/W077042

DCT EMI 370 436 29053 060 228 0030 .. . 02353 15620
052 117.90 756 462 P02 01 W10 0324 1116 0046 0224 .. . 12128 .. .
N39297 W076587

DCT RBV 370 435 30071 081 122 0015 .. . 01221 16841
021 113.80 755 472 P03 02 W12 0202 1238 0031 0239 .. . 10907 .. .
N40121 W074297

J42 LAURN 370 436 31078 052 027 0004 .. . 00296 17137
014 754 431 P03 02 W12 0175 1265 0027 0243 .. . 10611 .. .
N40331 W074072

J42 TOD 370 436 31081 052 020 0003 .. . 00226 17363
014 754 428 P04 02 W13 0155 1285 0024 0246 .. . 10385 .. .
N40489 W073501

KZBW N40506/W073483

J42 LLUND DSC 439 31080 052 004 0000 .. . 00030 17393
014 DSC 433 DSC 03 W13 0151 1289 0024 0246 .. . 10355 .. .
N40518 W073470

J42 SANTT DSC 440 31085 053 025 0004 .. . 00227 17620
019 DSC 429 DSC 01 W13 0126 1314 0020 0250 .. . 10128 .. .
N41113 W073254

J42 PACER DSC 444 31086 068 027 0003 .. . 00245 17865
019 DSC 455 DSC 01 W13 0099 1341 0017 0253 .. . 09883 .. .
N41264 W072564

J42 HFD DSC 447 31085 069 021 0003 .. . 00224 18089
019 114.90 DSC 458 DSC 02 W13 0078 1362 0014 0256 .. . 09659 .. .
N41385 W072328

DCT KBED DSC 340 31057 060 078 0014 .. . 00376 18465
028 DSC 336 DSC 03 W14 0000 1440 0000 0310 .. . 09283 .. .
N42282 W071173

KBED ELEV 00132FT

Table with 2 columns: Station Name and Data. Rows include KTME, CLAVN, STRYA, DPATY, MHZ, IGB, GQO, PSK, EMI, RBV, LAURN, LLUND, SANTT, PACER, HFD, KBED.

WINDS/TEMPERATURES ALOFT FORECAST

FD DATA BASED ON 190609TEL

Table with 8 columns: Station Name, FL120, FL180, FL240, FL300, FL340, FL390, FL450, FL490. Rows include KTME, KNTKY, PEETY.

DARTR	2200P04	2301M08	2503M23	2605M37	2506M47	2506M58	2506M63	2504M67
MUSIQ	2200P04	2301M08	2503M23	2605M37	2506M47	2506M58	2506M63	2504M67
CLAVN	2100P04	2301M08	2504M23	2505M37	2506M47	2605M59	2506M63	2504M66
STRYA	2000P04	2401M08	2503M24	2605M37	2506M48	2606M59	2606M63	2504M66
DPATY	2400P03	2601M08	2402M23	2704M37	2606M47	2606M60	2605M62	2603M66
MHZ	1901P03	2501M09	2602M23	2804M38	2706M48	2606M60	2605M61	2603M65
IGB	1901P02	2801M09	2802M24	2704M38	2805M48	2705M59	2704M60	2703M65
GQO	2901P00	2902M10	2902M25	3003M39	3004M49	2803M57	2704M60	2803M64
PSK	3002M01	2902M11	2803M26	2704M42	2704M50	2804M57	2904M61	3004M63
EMI	3104M03	3105M14	3106M27	3007M43	3007M50	3006M56	3005M60	3004M61
RBV	3104M05	3106M17	3107M29	3108M43	3108M51	3007M55	3006M58	3005M60
LAURN	3205M05	3106M18	3107M30	3109M43	3109M51	3107M54	3106M57	3105M60
LLUND	3205M06	3206M18	3107M30	3108M43	3109M51	3108M54	3206M56	3105M58
SANTT	3205M06	3206M18	3107M31	3108M43	3109M51	3108M56	3107M56	3005M58
PACER	3206M06	3206M19	3107M31	3109M44	3109M51	3109M55	3107M56	3005M57
HFD	3206M07	3207M19	3107M31	3109M43	3109M50	3108M53	3106M56	3005M57
DVANY	3206M08	3207M19	3108M31	3108M43	3109M50	3108M54	3106M55	3005M57
GRAYM	3206M08	3207M19	3108M32	3109M44	3109M51	3108M54	3106M53	3105M55
GASSE	3206M09	3207M20	3208M32	3209M44	3109M51	3108M54	3106M53	3104M54
DREEM	3206M09	3208M20	3208M32	3209M45	3109M51	3108M52	3105M52	3104M54
KBED	3206M09	3208M20	3208M32	3209M45	3109M51	3108M52	3105M52	3104M54

(FPL-N987AK-IN

-MD87/M-SDFWRG/S

-KTME1500

-N0436F370 STRYA8 DPATY DCT MHZ DCT IGB DCT GQO DCT PSK DCT EMI
DCT RBV J42 HFD GRAYM6

-KBED0310 KORH

-PBN/D2 DOF/211019 REG/N987AK

EET/STRYA0020 DPATY0036 MHZ0045 IGB0058 GQO0122 PSK0154 EMI0224

RBV0239 LAURN0243

SEL/DJCF OPR/987LLC 9074502356)

END OF NAVTECH PLAN

REQUEST NO. 97572

1500

EVERTS AIR CARGO MD-80 WEIGHT DATA RECORD

N 987AK 10/19/2021 N987AK KTME KBED 29 290/11G19 19H/4X 2984
 Date Flt# From To Dest Rwy Wind Dir/Vel Wind Comp Alt Setting
KORH 29 290/13G24 22H/4X 2985
 Actual TOW Stab Alternate Alt Rwy Wind Comp Alt Setting

Prepared By _____ Time _____ Z

Corrections: Pressure Altitude _____
 MEL/CDL _____ Engine Bleeds _____

Remarks/Computations:
 Takeoff data good down to altimeter setting of A29.70

REDUCED EPR NOT AUTHORIZED

0 Flap Setting Reported or Suspected Windshear
 Optimum Flap Schedule Airfoil Anti-ice On
 Contaminated Runway Tailwind
 Anti-Skid Inop After Using Deice/Anti-ice Fluid
 A/C Auto Shutoff Inop

6	Max Ldg Wt at Alternate	1	3	0	0	0	0
	Destination + Alt Burnoff	+	2	1	1	2	0
	Max Allowable TOW Based on Alt (No Holding)	1	5	1	1	2	0

1	Structural TOW Limit	140000
2	Terrain Clearance/Driftdown	N/A
3	Enroute Fuel Restriction	N/A
4	Max Ldg Wt at Destination	1 2 8 0 0 0
	Trip Burnoff	+ 1 8 4 6 5
	Max Allowable TOW Based on Landing	1 4 6 4 6 5
5	OAT	28 °C Norm EPR 1.94
	Takeoff Limit	
	F11 CRO	135200 <input checked="" type="checkbox"/> RWY 18
	F CRO	<input type="checkbox"/> QNH 2984
		<input type="checkbox"/> UTC 0654

	PTOW	
	F11 CRO	<input type="checkbox"/>
	Assumed Temp °C	Reduced EPR
	F CRO	<input type="checkbox"/>
	Assumed Temp °C	Reduced EPR
Max Allowable TOW = 1 2 3 4 5 6 (Lowest of 1, 2, 3, 4, 5 or 6) (Circle one)		

NOTE: Make sure to include any fuel burn for anticipated holding.

MD-87
 JT8D-217A
 A/C = ON

EVERTS AIR
 TAKEOFF PERFORMANCE
 (1000'S LBS.)

KTME 18
 HOUSTON, TX.
 HOUSTON EXECUTIVE

225 MPH TIRES LENGTH = 6610 FT CLEARWAY = 0 FT ELEVATION = 166 FT
 HEAVY DUTY BRAKES SLOPE = -0.05 % STOPWAY = 0 FT

TEMP DEG.F DEG.C	EPR		ICE PROTECTION OFF				
	NORM (MAX AMB)	MAX	-10 KNOTS	-5 KNOTS	0 KNOTS	10 KNOTS	20 KNOTS
-10 F	1.94	1.99	137.1(11.0) R	142.2(11.0) R	147.2(11.0) R	150.0(11.0) R	153.1(11.0) R
-23 C	(N/A)		138/141/150	141/144/153	145/147/155	146/149/157	148/151/158
			155/193/245	158/197/249	160/200/254	162/202/256	163/204/259
0 F	1.94	1.99	135.7(11.0) R	140.7(11.0) R	145.7(11.0) R	148.5(11.0) R	151.5(11.0) R
-18 C	(N/A)		137/141/149	140/144/152	144/147/154	145/148/156	147/150/157
			154/192/244	157/196/248	159/199/253	161/201/255	162/203/257
10 F	1.94	1.99	134.4(11.0) R	139.3(11.0) R	144.3(11.0) R	147.1(11.0) R	150.1(11.0) R
-12 C	(N/A)		136/140/148	139/143/151	143/146/154	144/147/155	146/149/157
			153/192/242	156/195/247	159/198/251	160/200/254	162/202/256
20 F	1.94	1.99	133.1(11.0) R	137.9(11.0) R	143.0(11.0) R	145.8(11.0) R	148.7(11.0) R
-7 C	(N/A)		136/139/148	139/142/150	142/145/153	143/147/154	145/148/156
			153/191/241	155/194/246	158/198/250	159/199/253	161/201/255
30 F	1.94	1.99	131.9(11.0) R	136.6(11.0) R	141.7(11.0) R	144.4(11.0) R	147.3(11.0) R
-1 C	(N/A)		135/138/147	138/141/149	141/144/152	142/146/154	144/148/155
			152/190/240	154/193/244	157/197/249	159/198/251	160/200/254
40 F	1.94	1.99	130.7(11.0) R	135.3(11.0) R	140.3(11.0) R	143.1(11.0) R	146.0(11.0) R
4 C	(N/A)		134/138/146	137/141/149	140/144/152	141/145/153	143/147/155
			151/189/239	154/192/243	157/196/248	158/198/250	160/200/253
50 F	1.94	1.99	129.5(11.0) R	134.1(11.0) R	139.0(11.0) R	141.8(11.0) R	144.7(11.0) R
10 C	(N/A)		133/137/146	136/140/148	139/143/151	141/144/152	142/146/154
			151/188/238	153/191/242	156/195/247	157/197/249	159/199/252
60 F	1.94	1.99	128.4(11.0) R	133.0(11.0) R	137.8(11.0) R	140.6(11.0) R	143.4(11.0) R
16 C	(N/A)		132/136/145	135/139/147	138/142/150	140/144/152	141/145/153
			150/187/237	152/191/241	155/194/246	157/196/248	158/198/251
70 F	1.94	1.99	127.3(11.0) R	131.9(11.0) R	136.6(11.0) R	139.3(11.0) R	142.2(11.0) R
21 C	(N/A)		132/136/144	135/139/147	137/141/149	139/143/151	140/145/153
			149/187/236	152/190/240	154/193/244	156/195/247	158/197/249
80 F	1.94	1.99	126.2(11.0) R	130.8(11.0) R	135.4(11.0) R	138.1(11.0) R	141.0(11.0) R
27 C	(N/A)		131/135/144	134/138/146	137/141/149	138/142/150	140/144/152
			149/186/235	151/189/239	154/192/243	155/194/246	157/196/248
82 F	1.94	1.99	126.0(11.0) R	130.6(11.0) R	135.2(11.0) R	137.9(11.0) R	140.8(11.0) R
28 C	(N/A)		131/135/144	134/138/146	136/141/149	138/142/150	139/144/152
			149/186/235	151/189/239	154/192/243	155/194/246	157/196/248
84 F	1.94	1.99	125.8(11.0) R	130.3(11.0) R	134.9(11.0) R	137.6(11.0) R	140.5(11.0) R
29 C	(N/A)		130/135/144	133/138/146	136/140/149	138/142/150	139/144/152
			149/185/234	151/189/239	154/192/243	155/194/245	157/196/248
86 F	1.93	1.98	125.1(11.0) R	129.6(11.0) R	134.2(11.0) R	136.9(11.0) R	139.7(11.0) R
30 C	(N/A)		130/134/143	133/137/146	136/140/148	137/142/150	139/143/151
			148/185/234	151/188/238	153/191/242	155/193/245	156/195/247
88 F	1.92	1.97	124.3(11.0) R	128.8(11.0) R	133.4(11.0) R	136.0(11.0) R	138.8(11.0) R
31 C	(N/A)		130/134/143	133/137/145	136/140/148	137/141/149	138/143/151
			148/184/233	150/188/237	153/191/242	154/193/244	156/195/246
90 F	1.91	1.97	123.5(11.0) R	127.9(11.0) R	132.5(11.0) R	135.2(11.0) R	137.9(11.0) R
32 C	(N/A)		129/134/142	132/136/145	135/139/147	137/141/149	138/142/150
			147/184/232	150/187/236	152/190/241	154/192/243	155/194/246
92 F	1.90	1.96	122.8(11.0) R	127.2(11.0) R	131.7(11.0) R	134.3(11.0) R	137.1(11.0) R
33 C	(N/A)		129/133/142	132/136/144	135/139/147	136/140/148	138/142/150
			147/183/232	149/186/236	152/190/240	153/192/242	155/193/245

1. OBSTACLE CLEARANCE HT (OCH) = 1166 FTMSL
 2. ANTI-SKID INOP = 99999 LBS
 3. BARO PRESS - FOR EACH .1 IN HG BELOW 29.70
 USE 1 DEG F HOTTER TEMPERATURE



NONE

VALID UNTIL 11/18/2021

DATE: 03/25/2008

MD-87
JT8D-217A

EVERTS AIR
TAKEOFF PERFORMANCE
(1000'S LBS.)

KTME 18
HOUSTON, TX.
HOUSTON EXECUTIVE

A/C = ON

225 MPH TIRES LENGTH = 6610 FT CLEARWAY = 0 FT ELEVATION = 166 FT
HEAVY DUTY BRAKES SLOPE = -0.05 % STOPWAY = 0 FT

TEMP DEG.F DEG.C	EPR		ICE PROTECTION OFF				
	NORM	MAX	-10 KNOTS	-5 KNOTS	0 KNOTS	10 KNOTS	20 KNOTS
94	1.89	1.95	122.0(11.0) R	126.4(11.0) R	131.0(11.0) R	133.5(11.0) R	136.2(11.0) R
34	(N/A)		129/133/141	132/136/144	135/138/146	136/140/148	137/142/149
			146/183/231	149/186/235	151/189/239	153/191/242	154/193/244
96	1.88	1.94	121.3(11.0) R	125.7(11.0) R	130.2(11.0) R	132.7(11.0) R	135.4(11.0) R
36	(N/A)		128/132/141	131/135/143	134/138/146	136/140/147	137/141/149
			146/182/230	148/185/234	151/189/239	152/190/241	154/192/243
98	1.87	1.93	120.5(11.0) R	124.9(11.0) R	129.4(11.0) R	131.9(11.0) R	134.6(11.0) R
37	(30C)		128/132/140	131/135/143	134/138/146	135/139/147	137/141/148
			145/181/229	148/185/234	151/188/238	152/190/240	153/192/243
100	1.86	1.92	119.7(11.0) R	124.0(11.0) R	128.5(11.0) R	131.0(11.0) R	133.6(11.0) R
38	(31C)		128/131/140	131/134/143	133/137/145	135/139/146	136/140/148
			145/181/229	148/184/233	150/187/237	151/189/239	153/191/242
102	1.85	1.91	118.9(11.0) R	123.2(11.0) R	127.6(11.0) R	130.2(11.0) R	132.8(11.0) R
39	(31C)		127/131/139	130/134/142	133/137/145	134/138/146	136/140/147
			144/180/228	147/184/232	150/187/236	151/189/239	152/190/241
104	1.84	1.90	118.1(11.0) R	122.4(11.0) R	126.8(11.0) R	129.3(11.0) R	131.9(11.0) R
40	(32C)		127/131/139	130/134/142	133/136/144	134/138/145	135/139/147
			144/180/227	147/183/231	149/186/235	150/188/238	152/190/240
106	1.84	1.89	117.4(11.0) R	121.7(11.0) R	126.0(11.0) R	128.5(11.0) R	131.1(11.0) R
41	(33C)		127/130/139	129/133/141	132/136/144	134/137/145	135/139/146
			144/179/226	146/182/231	149/186/235	150/187/237	151/189/239
108	1.83	1.89	116.7(11.0) R	120.9(11.0) R	125.2(11.0) R	127.7(11.0) R	130.3(11.0) R
42	(34C)		127/130/138	129/133/141	132/136/143	133/137/145	135/139/146
			143/179/226	146/182/230	148/185/234	150/187/236	151/189/239
110	1.82	1.88	115.9(11.0) R	120.0(11.0) R	124.4(11.0) R	126.8(11.0) R	129.4(11.0) R
43	(36C)		126/130/138	129/132/140	132/135/143	133/137/144	134/138/146
			143/178/225	145/181/229	148/184/233	149/186/235	151/188/238
120	1.77	1.83	112.0(11.0) R	116.0(11.0) R	120.1(11.0) R	122.5(11.0) R	125.0(11.0) R
49	(41C)		124/127/135	127/130/138	129/133/140	131/134/142	132/136/143
			140/175/221	143/178/225	145/181/229	147/183/231	148/185/234
122	1.77	1.82	111.3(11.0) R	115.2(11.0) R	119.3(11.0) R	121.7(11.0) R	124.1(11.0) R
50	(42C)		124/127/135	127/130/137	129/132/140	130/134/141	132/135/143
			140/174/221	142/177/224	145/180/228	146/182/231	148/184/233
122	1.77	1.82	110.0(11.0)	110.0(11.0)	110.0(11.0)	120.0(11.0)	120.0(11.0)
50	(42C)		123/126/134	123/126/134	122/126/134	129/133/140	129/133/140
			139/173/219	139/173/219	139/173/219	145/181/229	145/181/229
122	1.77	1.82	100.0(11.0)	100.0(11.0)	100.0(11.0)	110.0(11.0)	110.0(11.0)
50	(42C)		115/119/128	115/119/128	115/119/128	122/126/134	121/126/134
			133/165/209	133/165/209	133/165/209	139/173/219	139/173/219
122	1.77	1.82	90.0(11.0)	90.0(11.0)	90.0(11.0)	100.0(11.0)	100.0(11.0)
50	(42C)		+ 108/112/122	+ 107/112/122	+ 107/112/122	114/119/128	114/119/128
			127/157/198	127/157/198	127/157/198	133/165/209	133/165/209
122	1.77	1.82	80.0(11.0)	80.0(11.0)	80.0(11.0)	90.0(11.0)	90.0(11.0)
50	(42C)		+ 104/104/116	+ 104/104/116	+ 104/104/116	+ 106/112/122	+ 106/112/122
			121/147/187	121/147/187	121/147/187	127/157/198	127/157/198
122	1.77	1.82				80.0(11.0)	80.0(11.0)
50	(42C)					+ 104/104/116	+ 104/104/116
						121/147/187	121/147/187

1. OBSTACLE CLEARANCE HT (OCH) = 1166 FTMSL
2. ANTI-SKID INOP = 99999 LBS
2. BARO PRESS - FOR EACH .1 IN HG BELOW 29.70
USE 1 DEG F HOTTER TEMPERATURE



NONE

VALID UNTIL 11/18/2021

DATE: 03/25/2008

MD-87
 JT8D-217A
 A/C = ON

EVERTS AIR
 TAKEOFF PERFORMANCE
 (1000'S LBS.)

KTME 36
 HOUSTON, TX.
 HOUSTON EXECUTIVE

225 MPH TIRES LENGTH = 6610 FT CLEARWAY = 0 FT ELEVATION = 166 FT
 HEAVY DUTY BRAKES SLOPE = 0.05 % STOPWAY = 0 FT

TEMP DEG.F DEG.C	EPR		ICE PROTECTION OFF				
	NORM	MAX	-10	-5	0	10	20
	(MAX AMB)		KNOTS				
-10 F	1.94	1.99	136.8(11.0) R	141.8(11.0) R	146.9(11.0) R	149.7(11.0) R	152.7(11.0) R
-23 C	(N/A)		138/141/149	141/144/152	145/147/155	146/149/156	148/151/158
			154/193/245	157/197/249	160/200/254	161/202/256	163/204/258
0 F	1.94	1.99	135.4(11.0) R	140.4(11.0) R	145.4(11.0) R	148.2(11.0) R	151.2(11.0) R
-18 C	(N/A)		137/140/149	140/143/151	144/146/154	145/148/156	147/150/157
			154/192/243	156/196/248	159/199/252	161/201/255	162/203/257
10 F	1.94	1.99	134.1(11.0) R	139.0(11.0) R	144.0(11.0) R	146.8(11.0) R	149.8(11.0) R
-12 C	(N/A)		136/140/148	139/143/151	143/146/153	144/147/155	146/149/156
			153/191/242	156/195/247	158/198/251	160/200/253	161/202/256
20 F	1.94	1.99	132.8(11.0) R	137.6(11.0) R	142.7(11.0) R	145.4(11.0) R	148.4(11.0) R
-7 C	(N/A)		136/139/147	138/142/150	142/145/153	143/146/154	145/148/156
			152/191/241	155/194/245	158/197/250	159/199/252	161/201/255
30 F	1.94	1.99	131.6(11.0) R	136.3(11.0) R	141.3(11.0) R	144.1(11.0) R	147.0(11.0) R
-1 C	(N/A)		135/138/147	138/141/149	141/144/152	142/146/153	144/147/155
			152/190/240	154/193/244	157/196/249	158/198/251	160/200/254
40 F	1.94	1.99	130.4(11.0) R	135.0(11.0) R	140.0(11.0) R	142.8(11.0) R	145.7(11.0) R
4 C	(N/A)		134/138/146	137/140/149	140/143/151	141/145/153	143/147/154
			151/189/239	154/192/243	156/195/248	158/197/250	159/199/252
50 F	1.94	1.99	129.2(11.0) R	133.8(11.0) R	138.7(11.0) R	141.5(11.0) R	144.4(11.0) R
10 C	(N/A)		133/137/145	136/140/148	139/143/151	140/144/152	142/146/154
			150/188/238	153/191/242	156/195/246	157/196/249	159/198/251
60 F	1.94	1.99	128.1(11.0) R	132.7(11.0) R	137.5(11.0) R	140.2(11.0) R	143.1(11.0) R
16 C	(N/A)		132/136/145	135/139/147	138/142/150	140/144/151	141/145/153
			150/187/237	152/190/241	155/194/245	156/196/248	158/198/250
70 F	1.94	1.99	127.0(11.0) R	131.6(11.0) R	136.3(11.0) R	139.0(11.0) R	141.9(11.0) R
21 C	(N/A)		131/136/144	134/138/147	137/141/149	139/143/151	140/145/152
			149/186/236	152/190/240	154/193/244	156/195/247	157/197/249
80 F	1.94	1.99	126.0(11.0) R	130.5(11.0) R	135.2(11.0) R	137.8(11.0) R	140.7(11.0) R
27 C	(N/A)		131/135/144	134/138/146	137/141/149	138/142/150	139/144/152
			149/186/235	151/189/239	154/192/243	155/194/246	157/196/248
82 F	1.94	1.99	125.8(11.0) R	130.3(11.0) R	134.9(11.0) R	137.6(11.0) R	140.5(11.0) R
28 C	(N/A)		131/135/143	134/138/146	136/140/148	138/142/150	139/144/152
			148/185/234	151/189/239	153/192/243	155/194/245	157/196/248
84 F	1.94	1.99	125.5(11.0) R	130.0(11.0) R	134.6(11.0) R	137.3(11.0) R	140.2(11.0) R
29 C	(N/A)		130/135/143	133/137/146	136/140/148	138/142/150	139/144/151
			148/185/234	151/189/238	153/192/243	155/194/245	156/196/248
86 F	1.93	1.98	124.8(11.0) R	129.3(11.0) R	133.9(11.0) R	136.6(11.0) R	139.4(11.0) R
30 C	(N/A)		130/134/143	133/137/145	136/140/148	137/142/149	139/143/151
			148/185/234	150/188/238	153/191/242	154/193/244	156/195/247
88 F	1.92	1.97	124.0(11.0) R	128.5(11.0) R	133.1(11.0) R	135.7(11.0) R	138.5(11.0) R
31 C	(N/A)		130/134/142	133/137/145	136/140/147	137/141/149	138/143/150
			147/184/233	150/187/237	152/191/241	154/192/244	155/194/246
90 F	1.91	1.97	123.3(11.0) R	127.7(11.0) R	132.3(11.0) R	134.9(11.0) R	137.6(11.0) R
32 C	(N/A)		129/133/142	132/136/145	135/139/147	136/141/148	138/142/150
			147/184/232	150/187/236	152/190/240	153/192/243	155/194/245
92 F	1.90	1.96	122.5(11.0) R	126.9(11.0) R	131.5(11.0) R	134.0(11.0) R	136.8(11.0) R
33 C	(N/A)		129/133/142	132/136/144	135/139/147	136/140/148	138/142/150
			147/183/231	149/186/236	152/190/240	153/191/242	155/193/245

1. OBSTACLE CLEARANCE HT (OCH) = 1166 FTMSL
 2. ANTI-SKID INOP = 99999 LBS
 3. BARO PRESS - FOR EACH .1 IN HG BELOW 29.70
 USE 1 DEG F HOTTER TEMPERATURE



NONE

VALID UNTIL 11/18/2021

DATE: 03/15/2011

MD-87
 JT8D-217A
 A/C = ON

EVERTS AIR
 TAKEOFF PERFORMANCE
 (1000'S LBS.)

KTME 36
 HOUSTON, TX.
 HOUSTON EXECUTIVE

225 MPH TIRES LENGTH = 6610 FT CLEARWAY = 0 FT ELEVATION = 166 FT
 HEAVY DUTY BRAKES SLOPE = 0.05 % STOPWAY = 0 FT

TEMP DEG.F DEG.C	EPR		ICE PROTECTION OFF				
	NORM	MAX	-10 KNOTS	-5 KNOTS	0 KNOTS	10 KNOTS	20 KNOTS
94 34	1.89 (N/A)	1.95	121.8(11.0) R 129/133/141 146/182/231	126.1(11.0) R 132/136/144 149/186/235	130.7(11.0) R 135/138/146 151/189/239	133.2(11.0) R 136/140/148 153/191/241	136.0(11.0) R 137/141/149 154/193/244
96 36	1.88 (N/A)	1.94	121.0(11.0) R 128/132/141 146/182/230	125.4(11.0) R 131/135/143 148/185/234	129.9(11.0) R 134/138/146 151/188/238	132.4(11.0) R 136/139/147 152/190/241	135.1(11.0) R 137/141/149 154/192/243
98 37	1.87 (30C)	1.93	120.2(11.0) R 128/132/140 145/181/229	124.6(11.0) R 131/135/143 148/185/233	129.1(11.0) R 134/138/145 150/188/238	131.6(11.0) R 135/139/147 152/190/240	134.3(11.0) R 136/141/148 153/191/242
100 38	1.86 (31C)	1.92	119.4(11.0) R 128/131/140 145/181/228	123.8(11.0) R 131/134/142 147/184/233	128.2(11.0) R 133/137/145 150/187/237	130.7(11.0) R 135/139/146 151/189/239	133.4(11.0) R 136/140/148 153/191/242
102 39	1.85 (31C)	1.91	118.6(11.0) R 127/131/139 144/180/228	123.0(11.0) R 130/134/142 147/183/232	127.4(11.0) R 133/137/144 149/187/236	129.9(11.0) R 134/138/146 151/188/238	132.5(11.0) R 136/140/147 152/190/241
104 40	1.84 (32C)	1.90	117.9(11.0) R 127/131/139 144/179/227	122.2(11.0) R 130/133/141 146/183/231	126.5(11.0) R 133/136/144 149/186/235	129.0(11.0) R 134/138/145 150/188/238	131.6(11.0) R 135/139/147 152/190/240
106 41	1.84 (33C)	1.89	117.2(11.0) R 127/130/138 143/179/226	121.4(11.0) R 129/133/141 146/182/230	125.7(11.0) R 132/136/143 148/185/234	128.2(11.0) R 134/137/145 150/187/237	130.8(11.0) R 135/139/146 151/189/239
108 42	1.83 (34C)	1.89	116.5(11.0) R 126/130/138 143/178/225	120.6(11.0) R 129/132/140 145/181/229	125.0(11.0) R 132/135/143 148/185/234	127.4(11.0) R 133/137/144 149/187/236	130.0(11.0) R 135/138/146 151/189/238
110 43	1.82 (36C)	1.88	115.7(11.0) R 126/129/137 142/178/225	119.8(11.0) R 129/132/140 145/181/229	124.1(11.0) R 131/135/143 148/184/233	126.6(11.0) R 133/137/144 149/186/235	129.1(11.0) R 134/138/145 150/188/238
120 49	1.77 (41C)	1.83	111.8(11.0) R 124/127/135 140/175/221	115.8(11.0) R 127/130/137 142/178/225	119.8(11.0) R 129/133/140 145/181/229	122.2(11.0) R 131/134/141 146/183/231	124.7(11.0) R 132/136/143 148/185/233
122 50	1.77 (42C)	1.82	111.0(11.0) R 124/127/135 140/174/220	115.0(11.0) R 126/130/137 142/177/224	119.0(11.0) R 129/132/139 144/180/228	121.4(11.0) R 130/134/141 146/182/230	123.8(11.0) R 132/135/142 147/184/233
122 50	1.77 (42C)	1.82	110.0(11.0) 123/126/134 139/173/219	110.0(11.0) 123/126/134 139/173/219	110.0(11.0) 123/126/134 139/173/219	120.0(11.0) 129/133/140 145/181/229	120.0(11.0) 129/133/140 145/181/229
122 50	1.77 (42C)	1.82	100.0(11.0) 116/119/128 133/165/209	100.0(11.0) 115/119/128 133/165/209	100.0(11.0) 115/119/128 133/165/209	110.0(11.0) 122/126/134 139/173/219	110.0(11.0) 122/126/134 139/173/219
122 50	1.77 (42C)	1.82	90.0(11.0) + 108/112/122 127/157/198	90.0(11.0) + 107/112/122 127/157/198	90.0(11.0) + 107/112/122 127/157/198	100.0(11.0) 114/119/128 133/165/209	100.0(11.0) 114/119/128 133/165/209
122 50	1.77 (42C)	1.82	80.0(11.0) + 104/104/115 120/147/187	80.0(11.0) + 104/104/115 120/147/187	80.0(11.0) + 104/104/115 120/147/187	90.0(11.0) + 106/112/122 127/157/198	90.0(11.0) + 106/112/122 127/157/198
122 50	1.77 (42C)	1.82				80.0(11.0) + 104/104/115 120/147/187	80.0(11.0) + 104/104/115 120/147/187

1. OBSTACLE CLEARANCE HT (OCH) = 1166 FTMSL
 2. ANTI-SKID INOP = 99999 LBS
 2. BARO PRESS - FOR EACH .1 IN HG BELOW 29.70
 USE 1 DEG F HOTTER TEMPERATURE



NONE

VALID UNTIL 11/18/2021

DATE: 03/15/2011

MD-87
 JT8D-217A

EVERTS AIR
 LANDING PERFORMANCE
 (LBS.)

KTME
 HOUSTON, TX.
 HOUSTON EXECUTIVE

FLAPS = 11/28 A/C = ON

ELEVATION= 166 FT	CHECK MAX STRUCTURAL LANDING WEIGHT LIMIT FOR AIRCRAFT									
	APPROACH AND LANDING CLIMB LIMIT WEIGHTS									
OAT - °F	-30	-10	10	30	50	60	80	100	122	ICING CONDTS
°C	-34	-23	-12	-1	10	16	27	38	50	
NO A/I OR ENG ONLY	165990	166090	166200	166300	166410	166460	166530	155020	141040	-1250
ENG & AIRPLANE A/I	160030	159840	159800	159840	160000	N/A	N/A	N/A	N/A	-----

LANDING RUNWAY LIMIT WEIGHTS											
RUNWAY NO	LENGTH	CONFIGURATION	DRY	H.W.	CRIT	T.W.	WET	H.W.	CRIT	T.W.	
			0-WIND	LBS/KT	T.W.	LBS/KT	0-WIND	LBS/KT	T.W.	LBS/KT	
18	6610	A/S OPER SPLR OPER	170000	0	5	-3023	153350	900	0	-2737	
	6610	A/S OPER SPLR INOP	167680	980	0	-3000	136630	800	0	-2565	
36	6610	A/S OPER SPLR OPER	170000	0	5	-3023	153350	900	0	-2737	
	6610	A/S OPER SPLR INOP	167680	980	0	-3000	136630	800	0	-2565	

MAXIMUM QUICK TURN AROUND - BRAKE ENERGY WGTS - LBS										
OAT - °F	-30	-10	10	30	50	60	80	100	122	PER KNOT WIND ADJ
°C	-34	-23	-12	-1	10	16	27	38	50	
ZERO WIND WEIGHT	148810	148810	148810	148810	148810	148810	148810	148810	145850	HW 110 TW -1080

VALID UNTIL 11/18/2021 DATE: 3/15/2011 

MD-87

EVERTS AIR

KTME

JT8D-217A

LANDING PERFORMANCE

HOUSTON, TX.

FLAPS = 15/40

A/C = ON

(LBS.)

HOUSTON EXECUTIVE

ELEVATION= 166 FT	CHECK MAX STRUCTURAL LANDING WEIGHT LIMIT FOR AIRCRAFT									
	APPROACH AND LANDING CLIMB LIMIT WEIGHTS									
OAT - °F	-30	-10	10	30	50	60	80	100	122	ICING CONDTS
°C	-34	-23	-12	-1	10	16	27	38	50	
NO A/I OR ENG ONLY	154750	154850	154960	155050	155150	155200	155290	144650	130750	-1400
ENG & AIRPLANE A/I	146970	146870	146830	146890	147000	N/A	N/A	N/A	N/A	-----

LANDING RUNWAY LIMIT WEIGHTS											
RUNWAY NO	LENGTH	CONFIGURATION	DRY				WET				
			0-WIND	H.W. LBS/KT	CRIT T.W.	T.W. LBS/KT	0-WIND	H.W. LBS/KT	CRIT T.W.	T.W. LBS/KT	
18	6610	A/S OPER SPLR OPER	170000	0	7	-2442	164480	1030	0	-3040	
	6610	A/S OPER SPLR INOP	170000	0	1	-3180	146600	1030	0	-2864	
36	6610	A/S OPER SPLR OPER	170000	0	7	-2442	164480	1030	0	-3040	
	6610	A/S OPER SPLR INOP	170000	0	1	-3180	146600	1030	0	-2864	

MAXIMUM QUICK TURN AROUND - BRAKE ENERGY WGTS - LBS										
OAT - °F	-30	-10	10	30	50	60	80	100	122	PER KNOT WIND ADJ
°C	-34	-23	-12	-1	10	16	27	38	50	
ZERO WIND WEIGHT	150000	150000	150000	150000	150000	150000	150000	150000	150000	HW TW 0

VALID UNTIL 11/18/2021 DATE: 3/15/2011 

MD-87

EVERTS AIR

KBED

JT8D-217A

LANDING PERFORMANCE


BEDFORD, MA.

FLAPS = 11/28

A/C = ON

(LBS.)

HANSCOM

ELEVATION=		CHECK MAX STRUCTURAL LANDING WEIGHT LIMIT FOR AIRCRAFT									
132 FT		APPROACH AND LANDING CLIMB LIMIT WEIGHTS									
OAT - °F		-30	-10	10	30	50	60	80	100	122	ICING CONDTs
°C		-34	-23	-12	-1	10	16	27	38	50	
NO A/I OR ENG ONLY		166130	166240	166340	166450	166550	166610	166680	155190	141200	-1250
ENG & AIRPLANE A/I		160180	159990	159940	159990	160140	N/A	N/A	N/A	N/A	-----
LANDING RUNWAY LIMIT WEIGHTS											
RUNWAY NO	LENGTH	CONFIGURATION	DRY	H.W.	CRIT	T.W.	WET	H.W.	CRIT	T.W.	
			0-WIND	LBS/KT	T.W.	LBS/KT	0-WIND	LBS/KT	T.W.	LBS/KT	
05	5107	A/S OPER SPLR OPER	130810	790	0	-2561	107330	770	0	-2337	
	5107	A/S OPER SPLR INOP	114130	790	0	-2375	91010	730	0	-2157	
11	7011	A/S OPER SPLR OPER	170000	0	10	0	166170	970	0	-2930	
	7011	A/S OPER SPLR INOP	170000	0	4	-3038	148940	830	0	-2630	
	5972	A/S OPER SPLR OPER	161510	920	0	-2763	133800	790	0	-2567	
	5972	A/S OPER SPLR INOP	144590	800	0	-2594	117160	820	0	-2395	
23	5107	A/S OPER SPLR OPER	130810	790	0	-2561	107330	770	0	-2337	
	5107	A/S OPER SPLR INOP	114130	790	0	-2375	91010	730	0	-2157	
29	7011	A/S OPER SPLR OPER	170000	0	10	0	166170	970	0	-2930	
	7011	A/S OPER SPLR INOP	170000	0	4	-3038	148940	830	0	-2630	
	6050	A/S OPER SPLR OPER	164360	980	0	-2803	136160	810	0	-2567	
	6050	A/S OPER SPLR INOP	147290	810	0	-2621	119580	800	0	-2425	
MAXIMUM QUICK TURN AROUND - BRAKE ENERGY WGTS - LBS											
OAT - °F	-30	-10	10	30	50	60	80	100	122	PER KNOT WIND ADJ	
	°C	-34	-23	-12	-1	10	16	27	38		50
ZERO WIND WEIGHT	148810	148810	148810	148810	148810	148810	148810	148810	145950	HW 98 TW -1082	
VALID UNTIL 11/18/2021						DATE: 1/19/2015					

MD-87

EVERTS AIR

KBED

JT8D-217A

LANDING PERFORMANCE

BEDFORD, MA.

FLAPS = 15/40

A/C = ON

(LBS.)

HANSCOM

ELEVATION=		CHECK MAX STRUCTURAL LANDING WEIGHT LIMIT FOR AIRCRAFT									
132 FT		APPROACH AND LANDING CLIMB LIMIT WEIGHTS									
OAT - °F		-30	-10	10	30	50	60	80	100	122	ICING CONDTs
°C		-34	-23	-12	-1	10	16	27	38	50	
NO A/I OR ENG ONLY		154890	155000	155100	155200	155300	155350	155440	144830	130920	-1400
ENG & AIRPLANE A/I		147110	147000	146970	147020	147130	N/A	N/A	N/A	N/A	-----
LANDING RUNWAY LIMIT WEIGHTS											
RUNWAY NO	LENGTH	CONFIGURATION	DRY				WET				
			0-WIND	H.W. LBS/KT	CRIT T.W.	T.W. LBS/KT	0-WIND	H.W. LBS/KT	CRIT T.W.	T.W. LBS/KT	
05	5107	A/S OPER SPLR OPER	140400	960	0	-2925	115250	930	0	-2640	
	5107	A/S OPER SPLR INOP	122590	850	0	-2733	98250	780	0	-2428	
11	7011	A/S OPER SPLR OPER	170000	0	10	0	170000	0	1	-3225	
	7011	A/S OPER SPLR INOP	170000	0	7	-3163	160330	1010	0	-3103	
	5972	A/S OPER SPLR OPER	170000	0	0	-3144	143610	850	0	-2848	
	5972	A/S OPER SPLR INOP	155400	910	0	-3168	125680	870	0	-2683	
23	5107	A/S OPER SPLR OPER	140400	960	0	-2925	115250	930	0	-2640	
	5107	A/S OPER SPLR INOP	122590	850	0	-2733	98250	780	0	-2428	
29	7011	A/S OPER SPLR OPER	170000	0	10	0	170000	0	1	-3225	
	7011	A/S OPER SPLR INOP	170000	0	7	-3163	160330	1010	0	-3103	
	6050	A/S OPER SPLR OPER	170000	0	1	-3168	146080	930	0	-2892	
	6050	A/S OPER SPLR INOP	158430	1050	0	-3177	128320	990	0	-2673	
MAXIMUM QUICK TURN AROUND - BRAKE ENERGY WGTS - LBS											
OAT - °F	-30	-10	10	30	50	60	80	100	122	PER KNOT WIND ADJ	
	°C	-34	-23	-12	-1	10	16	27	38		50
ZERO WIND WEIGHT	150000	150000	150000	150000	150000	150000	150000	150000	150000	150000	HW TW 0 0
VALID UNTIL 11/18/2021						DATE: 1/19/2015			