

Attachment 4

to Operations/Human Performance Group Chairmen's Factual Report

Flight Papers

DCA09MA021

DATE TIME ADDRSS SOT FLAGS MSG |-----MESSAGE TEXT-----|-----TIMES (MS)----- SUBS OUT
MMDD HHMMSS LMIATA MSG# IO ID LEN RUN DATE 12/21/08 PAGE14141 INIT APPL TERM ID ID

:***** DISPATCH RELEASE *****
:RLS 1 202300
:CO1404/20

:#Y
015C :FLT 1404/20 DISPATCH RELEASE IFR
:TYP/EQP FROM TO AT1 AT2 PAY- BURN MINIMUM GATE
: : : : : : : : : : : : : : : :
: :73K 611 DEN IAH HOU 266 101 18100 20000
:FM: 1526/IAH/0017 TO: 626/BWI/1325 MI A0 F0 E0 D06-

015C :SUBJECT TO THE FOLLOWING CONDITIONS
:
:
:RC6880/
015C :CAPT DISP: FRANK RANON
:F/O TEL* 713-324-7513
:CCO: 1418/21 SPD* 913
:
:

x***** AIRCRAFT PLACARDS *****
:PLC 1 202300
015C :CO 1404/20

:#-
: A/C 0611 CO VG OEW 00073000 IDX 95.37 SEL-CAL NIL
:
: PASSENGER SEATS 8 & 106
: AIRCRAFT CATII AUTOLAND & AIRCRAFT RVSM CERTIFIED
: ----- WINGLETS INSTALLED. /-----
015C : AIRCRAFT PLACARDS #
:10-21 25-SCLV SINGLE CHAMBER LIFE VESTS
:12-20 38-01-1AA AFT (AFT) LAVATORY WATER
:10-21 25-SCLV SINGLE CHAMBER LIFE VESTS
:#

:#
x***** DISPATCH RELEASE *****
:RLS 1 202300
015C :CO1404/20

:#Y
015C :FLT 1404/20 DISPATCH RELEASE IFR
:TYP/EQP FROM TO AT1 AT2 PAY- BURN MINIMUM GATE
: : : : : : : : : : : : : : : :
: :73K 611 DEN IAH HOU 266 101 18100 20000
:FM: 1526/IAH/0017 TO: 626/BWI/1325 MI A0 F0 E0 D06-

015C :SUBJECT TO THE FOLLOWING CONDITIONS
:
:
:RC6880/
:CAPT DISP: FRANK RANON
:F/O TEL* 713-324-7513
:CCO: 1418/21 SPD* 913
:
:

DATE TIME ADDRSS SOT FLAGS MSG |-----MESSAGE TEXT-----|-----TIMES (MS)----- SUBS OUT
MMDD HHMMSS LMIATA MSG# IO ID LEN RUN DATE 12/21/08 PAGE14142 INIT APPL TERM ID ID

0078 :
:
x***** AIRCRAFT PLACARDS *****
: END OF PART - 1-
:#

1220 192617 0000 24 TM 0152 1 1 1 04 30

:QU DENOOCO -
:MIAHECO 210026Z MIAHELY-
:
:
:
:*****
:1404/20DEC-
:*****
:
:START OF PART - 2-
:PLC 1 202300
:CO 1404/20

:#-
: A/C 0611 CO VG OEW 00073000 IDX 95.37 SEL-CAL NIL

015C : PASSENGER SEATS 8 & 106
: AIRCRAFT CATII AUTOLAND & AIRCRAFT RVSM CERTIFIED
: ----- WINGLETS INSTALLED. /-----
: AIRCRAFT PLACARDS #
015C :10-21 25-SCLV SINGLE CHAMBER LIFE VESTS
:12-20 38-01-1AA AFT (AFT) LAVATORY WATER
:10-21 25-SCLV SINGLE CHAMBER LIFE VESTS
:#

x***** SPECIAL CREW MESSAGES *****
 :INF -NO MESSAGES-
 x ***** ATC FLIGHT PLAN *****
 :AFT 1 210018Z -
 :CO/1404/20
 :
 :FF KZDVZQZX-
 :210018 KFCFCOAU-
 015C :{(FPL-COAL404-IS-
 : -B735/M-SDGNZ/S-
 : -KDEN0100-
 : -N0434F350 DCT GLD DCT GCK DCT FUZ DCT BILEE RIICE2-
 : -KIAH0152 KHOU-
 : -REG/N18611 SEL/NIL NAV/RNVDI2AL RNP10 COM/TCAS RMK/NRP)-
 : -
 x***** NOTAMS *****
 :NOT 1 202300 -
 :CO 1404/20

015C :***** GENERAL NOTAMS *****
 : -
 : NONE-
 : -

DATE	TIME	ADDRSS	SOT	FLAGS	MSG	-----MESSAGE TEXT-----	TIMES (MS)	SUBS	OUT
MMDD	HHMMSS	LNIATA	MSG#	IO	ID	LEN	RUN	DATE	12/21/08

015C :***** FLIGHT NOTAMS *****
 : -
 : NONE-
 : -
 :***** AIRCRAFT NOTAMS *****
 : -
 : P611 - NONE REPORTED-
 : -
 :***** EQUIPMENT NOTAMS *****
 : -
 : NONE-
 : -
 :***** STATION CO-NOTAMS*****
 : -
 : DEN - NONE REPORTED-
 015C : IAH - NONE REPORTED-
 : -
 :***** ALTERNATE STATION CO-NOTAM*****
 : -
 : HOU - NONE REPORTED-
 : -
 :***** STATION NOTAMS *****
 : -
 : DEN -
 : HBU NAV VOR/DME OTS-
 : DEN -
 : EKR NAV VOR/DME OTS-
 : DEN -
 : HBU NAV VOR/DME UNMNT -
 : DEN -
 : TWY ALL PTCHY THN PACKED SN AND ICE WEF-
 :%0812200250-
 015C : DEN -
 : RWY 17L/35R STOP BAR LGTS OTS AT TWY INTXN-
 :%EA P2 P3 P4-
 : DEN -
 : FI/P DENVER INTERNATIONAL, DENVER, CO.-
 :% ILS RWY 7, AMDT 2...-
 :% GLIDESLOPE ALTITUDE AT TAILR 6994.-
 :% TCH 55 FT.-
 :% THIS IS ILS OR LOC RWY 7, AMDT 2A.-
 :% -
 :% -
 :%(FDC: 08/4536) -
 : DEN -
 : OBST TOWER 5449 (374 AGL) 6.35 NNW LGTS-
 015C :%OTS (ASR 1024142) TIL 0812310115 -
 : DEN -
 : EKR NAV VOR/DME UNMNT -
 : DEN -
 : BQZ NAV VOR/DME UNMNT -
 : DEN -
 : TWY Z PAEW 1400-0200 DLY-
 : DEN -
 : TWY PAEW INT TWY CN AND APRON POINT 7E-
 :%1400-0200 DLY -

DATE	TIME	ADDRSS	SOT	FLAGS	MSG	-----MESSAGE TEXT-----	TIMES (MS)	SUBS	OUT
MMDD	HHMMSS	LNIATA	MSG#	IO	ID	LEN	RUN	DATE	12/21/08

015C : DEN -
 : TWY AA PAEW BTN GATE A42 AND A48 1400-0800-
 :%DLY-
 : DEN -
 : TWY AA CLSD ADJ GATE A42-GATE-A44-
 :%1600-2300 DLY -

015C : DEN -
 :JNC NAV TACAN AZM QTS -
 : DEN -
 :FI/T DENVER INTERNATIONAL, DENVER, CO.-
 :% ILS RWY 17R, AMDT 2A...-
 :% ILS OR LOC RWY 16R, ORIG-A...-
 :% ILS OR LOC RWY 17L, AMDT 3...-
 :% DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE-
 :%RNAV-
 :% SYSTEM WITH GPS, BJC VOR QTS.-
 :% -
 :(FDC: 08/9785)-
 : IAH -

003B :IAH NAV RWY 15R ILS LLZ UNUSBL BYD 30 RIGHT OF-
 : CRS -
 :-
 :-
 x END OF PART - 2-

1220 192617

0000 24 TM 0152

1 1 1 04 30

:QU DENOOCO -
 :.MIAXECO 210026Z MIAXE1Y-
 :-
 :-
 :-
 :*****
 :1404/20DEC-
 :*****
 :-
 :START OF PART - 3-
 :NOT 1 202300 -
 :CO 1404/20

:%-
 : -
 :***** STATION NOTAMS *****
 :-
 : IAH -

015C :FI/T GEORGE BUSH INTERCONTINENTAL/HOUSTON,-
 :HOUSTON,-
 :TX.-
 : RNAV (GPS) RWY 33R, AMDT 1...-
 : LNAV/VNAV DA 576/HAT 487 ALL CATS. CAT E VIS 1 1/4.-
 : FOR INOPERATIVE MALSR INCREASE LNAV/VNAV CAT E VIS TO 1-
 :%3/4.-
 :% TEMPORARY CRANE, 150 AGL/ 231 MSL, 4447 FEET SSE OF-
 :%APPROACH-
 :% END RWY 33R.-
 :% -

DATE TIME ADDRSS SOT FLAGS MSG |-----MESSAGE TEXT-----| -----TIMES (MS)----- SUBS OUT
 MMDD HHMMSS LNIATA MSG# IO ID LEN RUN DATE 12/21/08 PAGE14145 INIT APPL TERM ID ID

:%-
 :%(FDC: 08/3155) -
 : IAH -
 :FI/T GEORGE BUSH INTERCONTINENTAL/HOUSTON,-
 015C :%HOUSTON,-
 :%TX.-
 :% TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES...-
 :% TAKEOFF MINIMUMS: RWY 15L, 200-1 OR STANDARD WITH A-
 :%MINIMUM-
 :% CLIMB OF 370 FEET PER NM TO 400. NOTE: RWY 15L, CRANE-
 :%4447 FEET-
 :% FROM DEPARTURE END OF RUNWAY, 837 FEET LEFT OF CENTERLINE-
 :%150 -
 :% AGL/231 MSL. ALL OTHER DATA REMAINS AS PUBLISHED.-

015C :% -
 :(FDC: 08/3154)-
 : IAH -
 :COM RCO 122.4 QTS -
 : IAH -
 :SVC HIWAS OUTLET UNAVBL -
 : IAH -
 :FI/T GEORGE BUSH INTERCONTINENTAL/HOUSTON, -
 :%HOUSTON, TX.-
 :% RNAV (GPS) 2 RWY 9, AMDT 2A...-
 :% LNAV/VNAV DA 615/HAT 524 ALL CATS. VIS RVR 6000 ALL CATS.-
 :% FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV CAT E-
 :%VISIBILITY -

015C :% TO 1 3/4.-
 :% TEMPORARY CRANE 264 MSL, 5144 FEET NNW OF APPROACH END-
 :%RWY 9.-
 :% -
 :%-
 :%(FDC: 08/0929) -
 : IAH -
 :RWY 26R RVRM QTS WEF 0811150049 -
 : IAH -
 :RWY 8L RVRM QTS WEF 0811150048 -
 : IAH -
 :TWY 5B CLSD BTN TWY 5F AND TWY 5C EXC -
 :%WINGSPAN 135 OR LESS -
 : IAH -

```

:TWY SF AND TWY SC CLSD BTN TAXILANE RA AND-
015C :$TWY SB EXC WINGSPAN 135 AND LESS -
: IAH -
:TWY SC CLSD SOUTH TWY SB-
: IAH -
:TWY SB CLSD BTN TWY SF AND TWY SK -
: IAH -
:TWY SF CLSD S TWY SB-
: IAH -
:FI/T GEORGE BUSH INTERCONTINENTAL/HOUSTON,-
:$HOUSTON,-
:$TX.-
:$ ILS OR LOC RWY 26L, AMDT 18A...-
:$ ILS OR LOC RWY 26R, AMDT 1A...-
:$ ILS RWY 26L (CAT II), AMDT 18A...-

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DATE TIME ADDRSS SOT FLAGS MSG |-----MESSAGE TEXT-----| -----TIMES (MS)----- SUBS OUT
MMDD HHMMSS LNIATA MSG# IO ID LEN RUN DATE 12/21/08 PAGE14146 INIT APPL TERM ID ID

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015C :$ ILS RWY 26R (CAT II), AMDT 1A...-
:$ ILS RWY 26L (CAT III), AMDT 18A...-
:$ ILS RWY 26R (CAT III), AMDT 1A...-
:$ ILS OR LOC RWY 33R, AMDT 12A...-
:$ DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE-
:$RNAV-
:$ SYSTEM WITH GPS, TNV VORTAC OTS.-
:$ -
:(FDC: 08/6832) -
: IAH -
:FI/T GEORGE BUSH INTERCONTINENTAL/HOUSTON,-
:$HOUSTON,-
:$TX.-

```

```

015C :$ ILS OR LOC RWY 33R, AMDT 12A...-
:$ PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE-
:$RNAV-
:$ SYSTEM WITH GPS, TNV VORTAC OTS.-
:$ -
:(FDC: 08/6831) -
: IAH -
:SVC RWY 27 RVR OTS -
:-
:-
xNOT 1 202300 -
:CO 1404/20

```

```

015C :***** STATION NOTAMS *****
:-
: IAH -
:SVC RWY 9 RVR OTS -
: IAH -
:IAH NAV RWY 27 ILS OTS WEF 0809270500 -
: IAH -
:IAH NAV RWY 9 ILS OTS WEF 0809270500 -
: IAH -
:RWY 27 ALS OTS WEF 0809270500 -
: IAH -
:RWY 27 PAPI OTS WEF 0809270500 -
: IAH -
:RWY 9 ALS OTS WEF 0809270500-
: IAH -
014D :RWY 9 PAPI OTS WEF 0809270500 -
: IAH -
:RWY 9/27 CLSD WEF 0809270300-
: IAH -
:FI/T GEORGE BUSH INTERCONTINENTAL/HOUSTON,-
:$HOUSTON,-
:$TX.-
:$ ILS OR LOC RWY 8R, AMDT 22A...-
:$ MISSED APPROACH: CLIMB TO 3000 VIA HEADING 085 AND DAS-
:$R-242 TO-
:$ DAS VORTAC AND HOLD SW, LT, 061.59 INBOUND.-
:$ -
:(FDC: 08/9926) -

```

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DATE TIME ADDRSS SOT FLAGS MSG |-----MESSAGE TEXT-----| -----TIMES (MS)----- SUBS OUT
MMDD HHMMSS LNIATA MSG# IO ID LEN RUN DATE 12/21/08 PAGE14147 INIT APPL TERM ID ID

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```

: END OF PART - 3-
:
1220 192617 0000 24 TM 0152 - 1 1 1 04 30
:$ QU DEMOOCO -
:$ MIAXECCO 210026Z MIAXEIY-
:-
:-
:-
:*****
:1404/20DEC-
:*****
:-
:START OF PART - 4-
: IAH -
:FI/T GEORGE BUSH INTERCONTINENTAL/HOUSTON,-

```

```

:HOUSTON,-
:TX.-
:% ILS OR LOC RWY 26R, AMDT 1...-
:% ILS RWY 26R (CAT II), AMDT 1...-
:% ILS RWY 26R (CAT III), AMDT 1...-
015C :% MISSED APPROACH: CLIMB TO 600 THEN CLIMBING RIGHT TURN TO-
:%3000-
:% VIA HUB R-344 TO PEPBI INT/HUB 38.39 DME AND HOLD N, RT,-
:%163.71-
:% INBOUND.-
:% -
: (FDC: 07/3982) -
: IAH -
:FI/T GEORGE BUSH INTERCONTINENTAL/HOUSTON,-
:HOUSTON,-
:% TX.-
:% ILS OR LOC RWY 26L, AMDT 18...-
:% ILS OR LOC RWY 26L (CAT II), AMDT 18...-
:% ILS OR LOC RWY 26L (CAT III), AMDT 18...-
015C :% ILS OR LOC RWY 26R, AMDT 1...-
:% ILS OR LOC RWY 26R (CAT II), AMDT 1...-
:% ILS OR LOC RWY 26R (CAT III), AMDT 1...-
:% ILS OR LOC RWY 27, AMDT 6...-
:% ILS OR LOC RWY 27 (CAT II), AMDT 6...-
:% ILS OR LOC RWY 27 (CAT III), AMDT 6...-
:% DME REQUIRED. -
:%-
: (FDC: 06/4020)-
:-
:***** ALTERNATE STATION AND ENROUTE NAV-AID NOTAMS *****-
015C HOU -
:FI/P WILLIAM P HOBBY, HOUSTON, TX.-
:% TEXMN THREE ARRIVAL (TEXMN.TEXMN3) ...-
:% CORRECT CHART BY CHANGING RADIAL FROM LEONA (LOA) VORTAC-
:TO -
:% COLLEGE STATION (CLL) VORTAC TO READ R-209 VICE R-224.-
:% -
: (FDC: 08/1948) -
: HOU -
:OBST W RAMP TERMINAL HANGAR LGTS OTS-

```

DATE	TIME	ADDRSS	SOT	FLAGS	MSG	-----MESSAGE TEXT-----	PAGE	TIMES (MS)	SUBS	OUT
MMDD	HHMMSS	LNIATA	MSG#	IO	ID	LEN	RUN	DATE	12/21/08	

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: HOU -
015C :FI/T WILLIAM P HOBBY, HOUSTON, TX.-
:% VOR/DME RWY 30L, AMDT 17A...-
:% S-30L MDA 520/ HAT 477 ALL CATS, CAT C VIS RVR 6000, CAT-
:%D VIS-
:% 1 1/2, CAT E VIS 1 3/4.-
:% -
: (FDC: 08/7151)-
: HOU -
:FI/T WILLIAM P HOBBY, HOUSTON, TX.-
:% ILS RWY 30L, AMDT 5B...-
:% S-LOC 30L: MDA 520/ HAT 477 ALL CATS.-
:% -
: (FDC: 08/7150)-
:-
:-
:KNOT 1 202300 -
015C :CO 1404/20
:-
:-
:***** ALTERNATE STATION AND ENROUTE NAV-AID NOTAMS *****-
HOU -
:FI/T WILLIAM P HOBBY, HOUSTON, TX.-
: RNAV (GPS) RWY 30L, AMDT 1...-
: LNAV MDA 520/ HAT 477 ALL CATS.-
: CIRCLING CAT A/B/C MDA 520/ HAA 474, CAT D MDA 600/ HAA-
:554.-
:-
:-
: (FDC: 08/7149) -
015C : HOU -
:FI/T WILLIAM P HOBBY, HOUSTON, TX.-
:% VOR/DME RWY 30L, AMDT 17A...-
:% DESCENT ANGLE 2.93/TCH 71.-
:% -
:%-
: (FDC: 08/8480) -
: HOU -
:FI/T WILLIAM P HOBBY, HOUSTON, TX.-
:% RNAV (GPS) RWY 30L, AMDT 1...-
:% PROCEDURE NA.-
:% -
: (FDC: 08/8479) -
: HOU -
:FI/T WILLIAM P HOBBY, HOUSTON, TX.-
:% ILS RWY 30L, AMDT 5B...-
015C :% GS 3.00/TCH 58.-
:% VGS1 AND ILS GLIDEPATH NOT COINCIDENT.-
:% -

```

:(FDC: 08/8478)-
: HOU -
:FI/T WILLIAM P HOBBY, HOUSTON, TX.-
: ILS OR LOC RWY 4 AMDT 40 ...-
: S-LOC 4: MDA 480/HAT 436 ALL CATS. VIS CAT D RVR 5000.-

DATE TIME ADDRSS SOT FLAGS MSG |-----MESSAGE TEXT-----| -----TIMES (MS)----- SUBS OUT
MMDD HHMMSS LNIATA MSG# IO ID LEN RUN DATE 12/21/08 PAGE14149 INIT APPL TERM ID ID

:
:
:(FDC: 07/2782) -
: HOU -
:FI/T WILLIAM P HOBBY, HOUSTON, TX.-
: ILS OR LOC RWY 4, AMDT 40...-
015C : LOC RWY 22, AMDT 1...-
: DME REQUIRED.-
:
:(FDC: 07/4047)-
: HOU -
:FI/P WILLIAM P. HOBBY, HOUSTON, TX. TEXNN-
:THREE -
:ARRIVAL (TEXNN.TEXNN3). CORRECT LONGITUDE FOR QTRBK FIX TO W96-
:07.70 -
:VICE W96 12.70.-
:
:(FDC: 07/2035) -
: HOU -
:FI/T WILLIAM P HOBBY, HOUSTON, TX.-
: ILS RWY 30L, AMDT 5B...-
: DME REQUIRED. -
:
:(FDC: 06/4017) -

0007

1220 192617

0000 24 TM 0152

1 1 1 04 30

:QU DENOOCO -
:MIAXECCO 210026Z MIAXE1Y-
:***** COMPUTER FLIGHT PLAN *****
:CFP 2 CO/202258 -
:CO1404/20 DEN /IAH -KDEN/KIAH/
:
:IRC 6880 PLAN 0101-
:-
: FLIGHT DAY ORG DEST ALTN ACFT TYPE ENGINES
AC-
015C : 1404 20 KDEN KIAH KHOU B737-500 CFM56-3-B1
611-
:-
:SPEED SCHEDULES CLIMB 280.M74 CRZ M74 DESCENT M76.300 RT 1
01-
:-
:-
: FUEL TIME OEW 0730 LIMIT COST INDEX
015-
:BURN 0101 01.52 PYLD 0266 FCST 1.54 / 1.34-
:ALTN KHOU 0021 00.20 ZFW 0996 1030 DRAG/FF P0.0 P
3.7-
015C :RESV 0034 00.45 FOB 0200 0356 AVG W/COMP P
043-
:CONT 0025 00.30 TOM 1192 1295 AVG OAT
M48-
:MIN FUEL 0181 03.27 BURN 0101 ADL BO/1000 0
056-

DATE TIME ADDRSS SOT FLAGS MSG |-----MESSAGE TEXT-----| -----TIMES (MS)----- SUBS OUT
MMDD HHMMSS LNIATA MSG# IO ID LEN RUN DATE 12/21/08 PAGE14150 INIT APPL TERM ID ID

:TAXI 0004 00.16 LGW 1091 1100 OUT 01.00Z OFF 0
1.16Z-
:EXTRA 0015 00.15 FUEL OVER DEST 0095 1.51
:-
015C :GATE FUEL 0200 03.58 FUEL OVER ALTN 0074 1.30 ON 03.13Z IN 0
3.18Z-
:-
:ARP APT ORG PT N39 51.7 / W104 40.4
:-
:-
:ALTITUDE PROFILE-
:KDEN/0350/HOMRN/0190/BAATS/0100/-
:-
:KDEN..GLD..GCK..FUZ..BILEE.RIICEZ.KIAH-
:-
:ENGINE OUT ALTITUDES-
:GLD/0173/GCK/0175/FUZ/0183/BILEE/0184/HOMRN/0183/BAZBL/0182/BAAT
S/018-
:2/RIICE/0184/TOD/0184/-
:-
015C :ENGINE ANTI ICE ON.. SUBTRACT 3700 FEET.-
:ENGINE AND WING ANTI ICE ON.. SUBTRACT 8700 FEET.-
:-
:-
:TO LAT. . . LONG. . . TRP OA DIST ACTM TM RETA
FUEL-
:FREQ FL M/C M/H T/C T/R WIND COMP TAS G/S DRMG TRMG ETA ATA

```

FRMG-
:
:0004-
:KDEN . . . . . 0789 1.52
015C :0196-
:-----
:TOC      N39 24.0 W101 45.7      25 35      137 0.18 0.18
:0030-
:      CL 092 089 102 099 29112 P110      0652 1.34
:0166-
:RVSM ALTIMETER CHECK-
:CAPT..... STBY..... F/O.....
015C :-----
:GLD      N39 23.3 W101 41.5      24 47      004 0.19 0.01
:0000-
:115.10 35 092 092 102 102 28106 P105 434 539 0648 1.33
:0166-
:-----
:GCK      N37 55.1 W100 43.5      30 49      099 0.31 0.12
:0010-
015C :113.30 35 144 156 153 165 28113 P055 432 487 0549 1.21
:0156-
:-----
:FUZ      N32 53.4 W097 10.8      44 51      347 1.16 0.45
:0036-
:115.70 35 143 158 150 165 26125 P037 430 467 0202 0.36

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DATE	TIME	ADDRSS	SOT	FLAGS	MSG	LEN	MESSAGE TEXT	TIMES (MS)	SUBS	OUT		
MMDD	HHMMSS	LNIAATA	MSG#	IO	ID			INIT	APPL	TERM	ID	ID
							RUN DATE 12/21/08					
							PAGE14151					

```

:0120-
:-----
:RC 6880 FLAN 0101 PAGE 01 OF 04-
:
015C :xCFP 2 CO/202258
:CO1404/20 DEN /IAH -KDEN/KIAH/
:
: $BILEE N31 09.9 W096 23.3      51 49      111 1.31 0.15
:0012-
:      35 153 167 159 173 26109 P008 431 439 0091 0.21
:0108-
:-----
015C :HOMRN N30 50.0 W096 15.8      51 49      021 1.34 0.03
:0002-
:      35 157 169 162 174 26093 P002 432 434 0070 0.18
:0106-
:ALTITUDE CHANGE TO FL 190 - 0000 MILES / 00.00 MINUTES AFTER - H
:OMRN-
:-----
:BAZBL N30 38.3 W096 03.4      51 11      016 1.36 0.02
:0000-
0042 :19 132 141 138 146 26065 P03C 382 412 0054 0.16
:0106-
: END OF PART - 4-
:
:
1220 192617      0000 24 TM 0152      1      1      1      04 30
:
:QU DENOOCO -
:MIAXECO 2100262 MIAXE1Y-
:START OF PART - 5-
:-----
:BAATS N30 31.6 W095 56.4      50 11      009 1.37 0.01
:0002-
:      19 133 142 138 146 26065 P029 382 411 0045 0.15
:0104-
015C :ALTITUDE CHANGE TO FL 100 - 0000 MILES / 00.00 MINUTES AFTER - B
:AAATS-
:-----
:RIICE N30 27.2 W095 51.7      50 05      006 1.38 0.01
:0000-
:      10 132 138 137 143 26039 P020 336 356 0039 0.14
:0104-
:-----
015C :TOD N30 26.4 W095 50.9      50 05      001 1.39 0.00
:0000-
:      10 133 140 138 144 26039 P019      0038 0.14
:0104-
:-----
:BRKMN N30 23.4 W095 47.8      50 05      004 1.40 0.02
:0001-

```

DATE	TIME	ADDRSS	SOT	FLAGS	MSG	LEN	MESSAGE TEXT	TIMES (MS)	SUBS	OUT		
MMDD	HHMMSS	LNIAATA	MSG#	IO	ID			INIT	APPL	TERM	ID	ID
							RUN DATE 12/21/08					
							PAGE14152					

DC 133 145 138 149 26039 P017 0034 0.12


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0103-
015C :-----
:JERZL N30 12.3 W095 36.2 50 07 015 1.45 0.05
0003-
: DC 133 143 138 147 26034 P015 0019 0.07
:0100-
:-----
:LYYTE N30 06.3 W095 30.0 50 09 008 1.48 0.03
0002-
015C : DC 134 142 138 146 26024 P012 0011 0.04
:0098-
:-----
:IAH N29 59.1 W095 20.5 50 12 011 1.52 0.04
0003-
: DC 126 131 131 135 26014 P009 0000 0.00
:0095-
:-----
:
015C : ALTN KHOU FL110 WIND M005 LRC DIST 061 TIME 0.20 BURN
0021-
: ALTERNATE AIRPORT ARP N29 38.7 / W095 16.7-
:
: RC 6880 PLAN
:0101-
:RC 6880 PLAN 0101 PAGE 02 OF 04-
:
: *CFP 2 CO/202258 -
:CO1404/20 DEN /IAH -KDEN/KIAH/
:
:
015C : ALTN KHOU FL110 WIND M005 LRC DIST 061 TIME 0.20 BURN
0021-
: ALTERNATE AIRPORT ARP N29 38.7 / W095 16.7-
:
: RC 6880 PLAN
:0101-
:
:(FPL-COAL404-IS-
:-B735/M-SDGWZ/S-
:-KDEN0100-
:-N0434F350 DCT GLD DCT GCK DCT FUZ DCT BILEE RIICE2-
:-KIAH0152 KHOU-
:-REG/N18611 SEL/NIL NAV/RNVDIE2A1 RNP10 COM/TCAS RMK/NRP-
:-E/0342 P/TBN R/V J/LF-
015C : A/WHITE BLUE GRAY )-
:
:

```

WIND SUMMARY TROPOPAUSE-

WPT	FL	TEMP	WIND	COMP	ISA	LVL	TEMP-
TOC	390	M49	28/088	P88	P07	249	M36-

DATE	TIME	ADDRESS	SOT	FLAGS	MSG	LEN	MESSAGE TEXT	PAGE	TIMES (MS)	SUBS	OUT		
MMDD	HHMMSS	LNIATA	MSG#	IO	ID				INIT	APPL	TERM	ID	ID
							RUN DATE 12/21/08	14153					

```

: 370 M49 29/098 P98 P08-
: 350 M49 29/107 P07 P06-
: 330 M47 29/112 P11 P04-
015C : 310 M44 29/112 P11 P03-
: 290 M41 29/113 P12 P02-
: 140 M24 29/055 P54 M11-
: GLD 390 M48 28/087 P87 P09 240 M35-
: 370 M47 28/096 P96 P09-
: 350 M47 28/106 P06 P07-
: 330 M46 28/111 P11 P05-
0132 : 310 M43 28/112 P12 P03-
: 290 M40 28/113 P13 P02-
: 140 M25 29/056 P56 M13-
: GCK 390 M50 27/099 P52 P06 295 M41-
: 370 M50 28/106 P59 P07-
: 350 M49 28/113 P66 P06-
: 330 M47 28/118 P69 P04-
: END OF PART - 5-
:
:
1220 192617 0000 24 TM 0152 :
:QU DENOOCO -
:MIAXECO 2100262 MIAXE1Y-
:START OF PART - 6-
: 310 M44 28/120 P69 P03-
: 290 M40 28/121 P71 P02-
: 140 M23 29/059 P40 M10-
: FUZ 390 M56 26/128 P53 P00 435 M58-
: 370 M54 26/128 P53 P02-
015C : 350 M51 27/125 P54 P03-
: 330 M48 27/120 P55 P03-
: 310 M44 27/115 P55 P03-
: 290 M39 27/111 P57 P03-
: 140 M12 28/064 P39 P01-
: BILEE 390 M58 26/110 P19 M02 508 M63-
: 370 M55 26/111 P20 P02-
: 350 M50 26/109 P21 P05-

```

```

015C :      330 M45 26/105 P21 P06-
      :      310 M40 26/099 P21 P07-
      :      290 M35 26/093 P20 P07-
      :      140 M04 27/057 P17 P09-
      :      HOMRN 390 M59 26/094 P08 M02 514 M63-
      :      370 M55 26/094 P10 P02-
      :      350 M49 26/093 P13 P05-
015C :      330 M44 26/090 P15 P06-
      :      310 M39 26/086 P15 P07-
      :      290 M34 26/082 P14 P08-
      :      140 M03 26/052 P08 P10-

```

```

:RC 6880 PLAN 0101 PAGE 03 OF 04-
:-
xCPF 2 CO/202258 -
:CO1404/20 DEN /IAH -KDEN/KIAH/

```

```

: % BAZBL 350 M49 26/089 P48 P05 506 M64-
015C :      250 M24 26/075 P39 P10-
      :      230 M20 26/073 P37 P11-
      :      210 M16 26/069 P35 P11-

```

```

DATE TIME ADDRSS SOT FLAGS MSG |-----MESSAGE TEXT-----| -----TIMES (MS)----- SUBS OUT
MMDD HHMMSS LNIATA MSG# IO ID LEM RUN DATE 12/21/08 PAGE14154 INIT APPL TERM ID ID

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```

:      170 M08 26/059 P32 P11-
:      150 M04 26/054 P29 P11-
:      130 M00 26/048 P26 P10-
:      140 M02 26/051 P28 P10-
015C :      BAATS 350 M49 26/086 P46 P05 504 M64-
      :      250 M24 26/075 P38 P10-
      :      230 M20 26/073 P35 P11-
      :      210 M16 26/068 P34 P11-
      :      170 M08 26/059 P30 P11-
      :      150 M04 26/054 P28 P11-
      :      130 M00 26/048 P25 P11-
      :      140 M02 26/051 P26 P11-
015C :      RIICE 350 M49 26/085 P46 P05 501 M64-
      :      150 M04 26/053 P28 P11-
      :      130 M00 26/048 P25 P11-
      :      110 P04 26/042 P22 P10-
      :      070 P09 26/024 P14 P08-
      :      050 P12 27/013 P09 P06-
      :      030 P15 27/013 P09 P06-
      :      140 M02 26/051 P27 P11-
015C :      TOD 350 M49 26/085 P45 P05 499 M64-
      :      150 M04 26/053 P27 P11-
      :      130 M00 26/048 P24 P11-
      :      110 P04 26/042 P22 P10-
      :      070 P09 26/024 P14 P08-
      :      050 P12 27/013 P09 P07-
      :      030 P15 27/013 P09 P06-
008E :      140 M02 26/050 P26 P11-

```

```

:DDD CO1404/20-
:RC 6880 PLAN 0101 PAGE 04 OF 04-
:-
x***** RUNWAY ANALYSIS *****
: END OF PART - 6-

```

```

1220 192617 0000 24 TM 0152 - 1 1 1 04 30
:QU DENOOCO -
:.MIAKECO 210026Z MIAKE1Y-
:START OF PART - 7-
:TGW 1 202317 -
:CO 1404/20 A/C 611

```

```

: % **** TAKEOFF GROSS WEIGHTS B737-5-W1 - BLEEDS OFF - ****-
: DEN ELEV 5431 TEMP - 4C WIND 3017 PLANNED GW 119200 -
015C :
      : RUNWAYS: 34R 25 34L 16L * 35L 17R * 17L *
      : FLEX TEMP GW
      : 127000 6 6 6 6 6 6 6
      : 123000 30 30 30 30 30 30 30
015C : 119000 33 33 33 33 33 33 33
      : 115000 36 36 36 36 36 36 36
      : TEMP-C CLIMB-
      : -12 1339 1339 1700 1339 1339 1339 1339 1272-
      : -06 1338 1338 1685 1338 1338 1338 1338 1271-
015C : 0 1337 1337 1670 1337 1337 1337 1337 1271-
      : 6 1336 1336 1656 1336 1336 1336 1336 1270-

```

```

DATE TIME ADDRSS SOT FLAGS MSG |-----MESSAGE TEXT-----| -----TIMES (MS)----- SUBS OUT
MMDD HHMMSS LNIATA MSG# IO ID LEM RUN DATE 12/21/08 PAGE14155 INIT APPL TERM ID ID

```

```

: LB/KT
: HW 0 0 0 0 0 0 0
015C : TW 00130 N/A 00900 N/A 00110 00120 00050
      :
      : PWR: -B1 FLAP: 15-
      : FLEX TEMP GW
      : 127000 N/A N/A N/A N/A N/A N/A N/A
      : 123000 N/A N/A N/A N/A N/A N/A N/A
      : 119000 N/A N/A N/A N/A N/A N/A N/A
015C : 115000 27 27 27 27 27 27 27
      : TEMP-C CLIMB-

```

```

:      -12   1243 1243 1623 1243 1243 1243 1243 1184-
:      -06   1242 1242 1609 1242 1242 1242 1242 1183-
:           0   1241 1241 1595 1241 1241 1241 1241 1182-
015C :         6   1240 1240 1580 1240 1240 1240 1240 1180-
:      LB/KT
:      HW           0     0     0     0     0     0     0
:      TW           N/A   N/A   N/A   N/A   N/A   N/A   N/A
:
: LENGTH      12000 12000 16000 12000 12000 12000 12000
015C : SLOPE PCT  -0.03 -0.04 -0.03  0.03 -0.47  0.47  0.35
:
: *16L R SPECIAL DEPARTURE PROCEDURE - SEE JEPP 10-7
: *17R R SPECIAL DEPARTURE PROCEDURE - SEE JEPP 10-7
: *17L R SPECIAL DEPARTURE PROCEDURE - SEE JEPP 10-7
:

```

```

000C x***** WEATHER SUMMARY *****
:
:

```

```

1220 192617      0000 24 TM 0152      1      1      1      04 30

```

```

: QU DENOOCO -
: MIAKECO 210026Z MIAKEEY-
: JWCV CO 01 1404 20 DEN IAH -
:
: JWCV CO01 1404/20 DEN IAH /DENOOCO-
:
: JWWS S DEN HOU IAH -
:210000Z-
: DEN METAR 202353Z 29016GL9KT 10SM FEW040 SCT120 M05/M16-
: A2993 RMK AO2 PK WND 29028/2308 SLP183 T10501161-
015C : 11028 21050 53021 -
: DEN METAR 202253Z 30017G27KT 10SM FEW040 SCT120 SCT220-
: M04/M16 A2989 RMK AO2 PK WND 31027/2244 SLP160-
: T10441156 -
: HOU METAR 202353Z 23006KT 10SM BKN060 BKN250 23/18 A2992-
: RMK AO2 SLP136 T02330183 10267 20233 52004 -
: HOU METAR 202253Z 25007KT 10SM FEW045 OVC060 24/18 A2992-
015C : RMK AO2 SLP136 T02440178 -
: IAH METAR 202353Z 00000KT 9SM BKN060 23/18 A2992 RMK AO2-
: SLP132 T02280178 10250 20228 53003 -
: IAH METAR 202253Z 22003KT 10SM OVC055 23/18 A2991 RMK AO2-
: SLP129 T02330178 TSWO -
: METAR 202253Z COR 22003KT 10SM OVC055 23/18 A2991 RMK-
: AO2 SLP129 T02330178 -
015C : JWWS F DEN HOU IAH -
:210000Z-

```

```

DATE TIME ADDRSS SOT FLAGS MSG |-----MESSAGE TEXT-----| -----TIMES (MS)----- SUBS OUT
MMDD HHMMSS LNIATA MSG# IO ID LEN RUN DATE 12/21/08 PAGE14156 INIT APPL TERM ID ID

```

```

: DEN TAF 202338Z 2100/2206 30016G24KT P6SM FEW040 SCT120 SCT2
20-
: FM210200 34014KT P6SM FEW030 SCT070-
: FM210600 16008KT P6SM SCT070 BKN110-
: FM211200 14008KT P6SM FEW070 SCT110-
: FM211 800 12012KT P6SH SCT070 BKN140-
: FM220200 16010KT P6SM FEW080 SCT150-
015C : HOU TAF 202 334Z 2100/2124 25007KT P6SM FEW045 OVC060-
: FM210300 19004KT 1SM BR OVC004-
: FM210800 35010KT P6SM VCSH BKN040-
: FM211200 01018G28KT P6SM BKN050-
: FM212100 03015KT P6SM SKC-
:
: IAH TAF 202334Z 2100/2206 22003KT P6SM OVC060-
: FM210200 19004KT 4SM BR BKN015-
: FM210700 35010KT P6SM VCSH BKN040-
: FM211200 01016KT P6SM BKN050-
015D : FM212100 03015KT P6SM SKC-
: FM220200 02010KT P6SM SKC-
:
: JWWS OF DEN HOU IAH -
:210000Z-
: DEN BULLETIN NOT AVAILABLE -
: HOU BULLETIN NOT AVAILABLE -
: IAH BULLETIN NOT AVAILABLE -
: JWWS I SLC -
:210000Z-
: NO CURRENT SIGMETS-
: JWWS I DFW -
:210000Z-
015C : NO CURRENT SIGMETS-
: JWWS G WST C -
:210000Z-
:12202355-
: MKCC WST 202355-
: CONVECTIVE SIGMET 4C-
: VALID UNTIL 0155Z-
: TN AL MS LA AR-
: FROM 10ESE BNA-40NNE SQS-30ESE ELD-
: LINE EMBD TS 20 NM WIDE MOV FROM 26035KT. TOPS TO FL280.-
: OUTLOOK VALID 210155-210555-
: FROM 30SE IIU-30NNE PSK-CLT-50WNW JAN-50NNE MLU-30SE IIU-
015C : WST ISSUANCES POSS. REFER TO THE MOST RECENT ACUS01 KWNS FROM-
: THE-
: STORM PREDICTION CENTER FOR SYNOPSIS AND METEOROLOGICAL-

```

```

:DETAILS.-
:-
:JWNC G WST W
:210000Z-
:12202355-
:MKCW WST 202355-
:CONVECTIVE SIGMET...NONE-
:OUTLOOK VALID 210155-210555-
:TS ARE NOT EXPD.-
:-

```

```

DATE TIME ADDRSS SOT FLAGS MSG |-----MESSAGE TEXT-----| -----TIMES (MS)----- SUBS OUT
MMDD HHMMSS LNIATA MSG# IO ID LEN RUN DATE 12/21/08 PAGE14157 INIT APPL TERM ID ID

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```

:-
:JWTV A SW SC01404 -
:TP SW34 202227Z -
:1.WY CO NM -
:2.* ALERT *-
:HAZ:MTN WAVE-
:SOURCE:FORECAST-
:AREAS:DEN-
015C :ALTS:070-FL210 ROTOR-
: FL320-410 -
:INFO:NOTE START TIME.-
:3.VALID 210300/211400Z-
:4.CANCEL NONE-
:
:TP SW35 202229Z -
:1.WY CO NM -
:2.* ALERT *-
:HAZ:MTN WAVE-
:SOURCE:FORECAST-
:AREAS:PUB ALS-
:ALTS:070-FL210 ROTOR-
: FL330-420 -
:INFO:ALTITUDE CHANGE-
: TO FL350-440 AT-
: 09Z-
:3.VALID 202229/211400Z-
00E3 :4.CANCEL SW32-
:
:TP SW36 202231Z -
:1.WY CO NM -
:2.* ALERT *-
:HAZ:MTN WAVE-
:SOURCE:FORECAST-
:AREAS:CIM-
:ALTS:070-FL190 ROTOR-
: FL360-450 -
:3.VALID 202231/211400Z-
:4.CANCEL SW24-
: END OF PART - 1-
:

```

```

1220 192617 0000 24 TM 0152 - 1 1 1 04 30

```

```

:QU DENOOCO -
:.MIAHECO 210026Z MIAHE1Y-
:JWCW CO 01 1404 20 DEN IAH -
:START OF PART - 2-
:
:TP SW37 202258Z -
:1.AZ NM TXW CO -
:2.* ADVISORY *-
:VOR:CIM INW-
:HAZ:TURBC-TROF LINE-
:SOURCE:PIREPS-
:LINE:37N104W 34N111W-
:WIDTH:200NM-
:TIME:POSN AT 20/2300Z-
:ALTS:FL320-370 CODE 3-

```

```

DATE TIME ADDRSS SOT FLAGS MSG |-----MESSAGE TEXT-----| -----TIMES (MS)----- SUBS OUT
MMDD HHMMSS LNIATA MSG# IO ID LEN RUN DATE 12/21/08 PAGE14158 INIT APPL TERM ID ID

```

```

:MVG:29020-
:3.VALID 202258/210500Z-
015C :4.CANCEL SW31-
:
:TP SW38 202301Z -
:1.NM TXW OK KS CO -
:2.* ALERT *-
:VOR:GAG TXO TCS FTI-
: GCK-
:HAZ:TURBC-
:SOURCE:PIREPS-
:AREA:37N099W 34N103W-
: 34N106W 36N106W-
: 38N101W-
:TIME:POSN AT 20/2300Z-
:ALTS:FL330-380 CODE 4-
:3.VALID 202301/210500Z-
:4.CANCEL NONE-
:
:TP SW39 210011Z -
015C :1.UT ID WY CO -

```

```

:2.* ADVISORY *-
:VOR:BFI DBL TBC ILC-
:   LCU-
:HAZ:TURBC-
:SOURCE:PIREPS-
:AREA:43N110W 39N107W-
:   37N111W 37N114W-
:   42N114W-
:TIME:POSN AT 21/0000Z-
:ALTS:FL370-390 CODE 3-
:3.VALID 210011/210500Z-
:4.CANCEL NONE-
:
:TP SW40 210016Z -
:1.DEN -
:2.* ADVISORY *-
:HAZ:TURBC-
:SOURCE:PIREPS-
:STN ALTS   DIR CODE:-
00E7 : DEN 080-180 ALL   3-
:3.VALID 210016/210500Z-
:4.CANCEL SW33-
:
:JWFW A CS $C01404 -
:NO DATA IN TABLE-
: JWWS N GPS -
:210000Z-
   GPS NONE CURRENT
:** END OF WEATHER **-
:
:QU DPCMD1Y -
:.MIAKELY 210026Z -
:WPN CO 0022/20-
:   AO2 SLP203   60600 931000 4/003 T10501089 11044-

```

1220 192642

0000 24 TM 0152

1 1 1 04 30