



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

October 31, 2014

Attachment 4 – AWE1702 Paperwork

OPERATIONAL FACTORS

DCA14MA081

13 2035 981958 NO-AAA
- IFR AWE1702/13MAR 113/N113UW KPHL KFLI ALTN NONE
FUBO 15104 GATE REL 024430
ELV KPHL 0036 KFLI 0009

RAMP WT P02000 TIME P02 FUEL P0273 COST P0083 FL 320BAHAA360

RWT 153830 PLD 032600 D004813 GND21/03 Q00 CI-035 SKD2150/0042
BIAS P06.0 AVG WIND DIR/COMP 284/M012 AVG TD P005

	FUEL	TIME	FL	DIST	WIND
BURN.....	PHL	FLL	014474	0213	320 0935 M011
ALTN*....	NONE				
ALTN.....	NONE				
HOLD.....	003401	0045			
RSV.....	003925	0045			
CTNGCY...	001000				
MEL/CDL..	000000				

T.O. MIN.	022800				

TAXI.....	000630	0021			
TANKER...	000000				
EXTRA....	001000				
GATE REL.	024430				

ACFT RESTR -NONE

MEL/CDL ITEMS

CDL 1202000 71-09-011 HOLD OPEN ROD E2
PLA 0001A00 PLA CLOCK INT MODE ONLY

RMKS/ *****WHEELS UP TIME 2229Z CALL OR ACARS FOR UPDATE*
POSSIBLE MODERATE TURB SFC TO 080 PHL AREA

DISP RACHAEL MCMAHON DD28 412-474-4528

FPL - PLAN 1 OF 1 - RTE 2 - FAA PREF

FF KZNYZQZX KZJXZQZX
132035 KTULUSAD
(FPL-AWE1702-IS
-A320/M-SDE3GHIRWZ/P
-KPHL2150
-N0452F320 DCT OOD DCT TEBEE DCT HAYDO DCT SBY DCT KEMPR DCT
ILM AR21 BAHAA/N0464F360 AR21 CRANS FISEL5
-KFLLO213
-PBN/A1B1C1D1S2 NAV/RNVD1E2A1 DAT/V REG/N113UW
EET/KZJX0106 SEL/CSBG

TO MC DST FL OAT IAS ETE ETA BO EFOB LAT
ROUTE MH DTGO TROP WIND G/S E/TM ATA T/BO AFOB LONG
FREQ TRB M DIFF DIFF

PHILADELPHIA INTL N3952.3 W07514.4

OOD 207 015 09 M14 005 N3938.1
DCT 215 0920 27 32066 402 0005 W07518.1
112.80D 0

TEBEE 200 008 14 M23 003 N3930.2
DCT 208 0912 27 32066 408 0008 W07519.6
3

HAYDO 200 018 21 M36 004 N3912.3
DCT 208 0894 28 32069 405 0012 W07522.8
2

SBY 199 052 30 M55 006 N3820.7
DCT 208 0842 28 31066 396 0018 W07530.6
111.20D 0

TOC 217 033 32 M58 001 043 0201
DCT 229 0809 28 30074 365 0019 0043
0

KEMPR 217 073 32 M43 277 009 009 0192 N3644.9
DCT 226 0736 28 30073 450 0028 0052 W07629.3
0 765

ILM 216 159 32 M45 277 022 022 0170 N3421.0
DCT 228 0577 31 29094 437 0050 0074 W07752.4
117.00D 2 765

METTA 202 117 32 M45 277 016 016 0154 N3226.5

AR21 215 0460 32 29103 442 0106 0090 W07825.1
0 765

SPIKY 202 004 32 M45 277 001 000 0154 N3222.3
AR21 215 0456 32 28102 437 0107 0090 W07826.3
0 765

BAHAA 202 120 32 M42 277 016 017 0137 N3025.3
AR21 216 0336 39 28108 433 0123 0107 W07859.6
1 765

HALSS 199 076 36 M43 261 011 011 0126 N2910.2
AR21 212 0260 55 27108 435 0134 0118 W07918.9
0 785

CRANS 199 053 36 M44 261 007 008 0118 N2818.2
AR21 211 0207 54 27095 435 0141 0126 W07932.0
0 785

FATHR 197 061 36 M45 261 008 008 0110 N2718.4
FISEL5 210 0146 53 27103 431 0149 0134 W07946.5
0 785

TOOMR 170 028 36 M45 261 004 003 0107 N2650.9
FISEL5 184 0118 55 27111 474 0153 0137 W07938.2
0 785

TOD 208 026 36 M44 261 004 004 0103
FISEL5 221 0092 54 27113 402 0157 0141
0 785

FISEL 208 004 34 M43 001 N2623.0
FISEL5 224 0088 54 27115 303 0158 W07951.4
0

WAKED 226 016 27 M29 003 N2610.8
FISEL5 237 0072 54 27095 299 0201 W08003.1
0

BEPAC 257 006 24 M24 001 N2609.0
FISEL5 262 0066 54 28074 302 0202 W08009.1
0

AGOYA 275 033 10 P03 006 N2608.9
FISEL5 277 0033 54 28060 310 0208 W08045.3
0

FLL 103 033 00 P24 005 010 0093 N2604.3

FISEL5 102 0000 54 28055 424 0213 0151 W08009.1
0

/// F-4 PILOT ALERT MESSAGES ///

F-4 MSG NBR 9652
SUBJECT- FLL AIRPORT DIAGRAM

REFERENCE- THE FLL AIRPORT DIAGRAM THAT WAS PRINTED ON FEBRUARY 6, 2014 HAS SOME INCORRECT INFORMATION THAT MAY CAUSE SOME CONFUSION TO FLIGHT CREWS. THESE ERRORS ARE....

- TAXIWAY DELTA INCORRECTLY SHOWS CLOSED BETWEEN TAXIWAY CHARLIE AND TAXIWAY QUEBEC. TAXIWAY DELTA IS OPEN BETWEEN THESE TWO TAXIWAYS.
- TAXIWAY DELTA WAS INCORRECTLY CHANGED TO TAXIWAY NOVEMBER BETWEEN TAXIWAY QUEBEC AND CONNECTOR T8. THE TAXIWAY REMAINS TAXIWAY DELTA IN THIS AREA.

CREWS SHOULD REFERENCE PERTINENT NOTAMS FOR THE LATEST INFORMATION. DAVE SURRIDGE/MNGR FLT OPS POLICY AND PROCEDURES

F-4 MSG NBR 9822
SUBJECT- SIGMET QUEBEC 1 VALID UNTIL 132259

REFERENCE- NY NJ PA WV MD DC DE VA AND CSTL WTRS
FROM 50ENE SLT TO 30SW HTO TO 80SE SBY TO 40SW CSN TO 50ENE SLT
OCNL SEV TURB BLW 080. DUE TO STG LOW LVL WND. RPTD BY ACFT.
CONDS CONTG BYD 2259Z.

/// END OF F-4 MESSAGES ///

END

///// APPENDED MESSAGES /////

*** FORECAST USED FOR PLANNING ***

ENRT WX FL 240 FL 300 FL 340 FL 390
I OAT WIND WCP I OAT WIND WCP I OAT WIND WCP I OAT WIND WCP
KEM 0M38/31077P014 0M42/30087P003 0M44/29085M015 0M43/28085M029
ILM 0M32/31089P011 0M43/29102M023 0M45/28112M038 0M45/28120M055
MET 0M32/30075P014 0M43/29095M008 0M43/28116M024 0M47/28134M038
SPI 0M32/30075P014 0M43/29095M008 0M43/28116M024 0M47/28134M038
BAH 0M27/28086M012 0M38/28114M027 0M41/28112M031 0M49/27111M036

HAL 0M25/28093M012 0M38/28107M021 0M42/27104M029 0M49/27101M030
CRA 0M25/28091M009 0M38/28104M020 0M41/27099M027 0M49/27097M028
FAT 0M24/28076M007 0M37/28098M022 0M42/27111M037 0M50/27101M030
TOO 0M23/28070P027 0M37/27090P017 0M41/27113P010 0M50/27108P018

/// SPECIAL INFO MESSAGES ///

SPC MSG NBR 1246
SUBJECT- CODED DEPARTURE ROUTES

REFERENCE- VALID ONLY AFTER DISPATCHER HAS CONFIRMED

PHLFLLAR 2 PHL..OOD..TEBEE..HAYDO..SBY..KEMPR..ILM.AR21
.CRANS.FISEL5.FLL
PHLFLL80 45 PHL..MXE..PENSY.J110.AIR.J91.HNN..SPA.J85.
TAY.JINGL3.FLL
PHLFLLAZ 16 PHL..OOD..TEBEE..HAYDO..SIE.B24.AZEZU.L453.PAEPR.
M201.BAHAA.AR21.CRANS.FISEL5.FLL
PHLFLLSA 47 PHL..STOEN.J75.CAE.J51.SAV.J103.OMN.FISEL5.FLL
PHLFLLTA 44 PHL..STOEN.J75.TAY.JINGL3.FLL
PHLFLL60 48 PHL..PTW..SARAA..RAV..PSB.J60
.DJB.J83.SPA.J85.TAY.JINGL3.FLL
PHLFLL61 13 PHL..STOEN.J75.BINKS..OTT.J61.HUBBS.J193.ILM.
AR21.CRANS.FISEL5.FLL
PHLFLLKA 1 PHL..OOD..TEBEE..HAYDO..SBY.J79.KATZN..ISO
.J121.CHS.J79.OMN.FISEL5.FLL
PHLFLLJE 17 PHL..OOD..TEBEE..HAYDO..SBY..KEMPR..ILM.AR21
.BAHAA..OMN.J79.TRV.FISEL5.FLL
PHLFLLJ6 25 PHL..MXE..PENSY.J110.FLIRT.J6.HVQ.J85.TAY
.JINGL3.FLL

/// END OF SPECIAL INFO MESSAGES ///

AUZD CAPT SIGNATURE..... 13MAR14/132035

13 2035 981958 NO-AAA
SLWC1702/13/PHL

13 2035 000000 NO-AAA
WBFN1702 13 PHL

13 2035 981958 NO-AAA
@@13

WXM-FLT AWE1702/13 PHL FLL RTE 2 ALT N/R TOA 132035
SKD 2150/0027Z

MAP FEATURES EAST

MAP FEATURES - EAST , VALID 13MAR14/1800Z - 14MAR14/0900Z
SIG CAT: OCNL MDT CNTRL APPALACHIANS/MID ATL/SRN NEW ENGLND
FM FL220-FL280. OCNL MDT WRN OH VLY/ERN TN VLY/CNTRL AND SRN
APPALACHIANS/NCAR FM FL310-FL380. OCNL MDT LWR MS VLY/SE US
FM FL200-FL270.

SIG MTN WV: NONE.

SIG TS: NO BKN AREAS FCST.

SIG STORMS: WRM FRNT MOVS EWD TO WRN GT LKS/WRN OH VLY W/
SHRA. SHSN WINDS DOWN ACROSS NEW ENGLND AS LOW PRESS MOV
NEWD.
WSI/MO

PHL

131954Z 29018G27KT 10SM FEW070 01/M19 A2985 RMK AO2 PK
WND 31037/1940 SLP108 T00061194

FLL

131953Z 03013G21KT 10SM FEW035 22/13 A3003 RMK AO2 SLP168
T02220133

TRMNL SIGMEC
NONE ISSUED

CAT SIGMEC
NONE ISSUED

TSTM SIGMEC
NONE ISSUED

VASH SIGMEC
NONE ISSUED

ICING SIGMEC
NONE ISSUED

TRMNL SIGMEC
NONE ISSUED

PHL PHL RAMTAF 132020Z 1320/1414
FM132000 29018G27KT P6SM SCT070
FM140000 30012G20KT P6SM SCT120

FM140500 29007KT P6SM SCT120
FLL TAF KFL 131720Z 1318/1418 03010G20KT P6SM SCT045
FM132200 02012KT P6SM SKC
FM141200 07010G20KT P6SM SCT250

MK1 WST 131955
CONVECTIVE SIGMET...NONE

OUTLOOK VALID 132155-140155
TS ARE NOT EXPD TO REQUIRE WST ISSUANCES.

MK2 WST 131955
CONVECTIVE SIGMET...NONE

OUTLOOK VALID 132155-140155
TS ARE NOT EXPD.

MK3 WST 131955
CONVECTIVE SIGMET...NONE

OUTLOOK VALID 132155-140155
TS ARE NOT EXPD.

NOTAMS
PHL NO/

- KPHL/PHL - PHILADELPHIA INTL

----- RUNWAY -----

-RWY 17/35 CLSD
SCHEDULE: DAILY 0300-1000
10MAR14/0300 14MAR14/1000 KPHL A1598/14

-RWY 09L/27R CLSD
SCHEDULE: DAILY 0300-1000
10MAR14/0300 14MAR14/1000 KPHL A1597/14

-RWY 27R PAPI U/S
13MAR14/1141 30APR14/1000 KPHL A1632/14

-RWY 35 PAPI U/S
16FEB14/1240 UFN KPHL A1193/14

-RWY 09L/27R SAFETY AREA NOT STD S SIDE BETWEEN TWY T AND TWY
K5
06DEC13/1857 30JUN14/1000 KPHL A3284/13

-RWY 09L/27R SAFETY AREA NOT STD N SIDE BETWEEN TWY T AND TWY
K5
06DEC13/1854 30JUN14/1000 KPHL A3283/13

----- APPROACH AND LANDING -----

-ILS RWY 09R LOC/GP/DME U/S
14MAR14/1200 14MAR14/1700 KPHL A1626/14

-ILS RWY 27L LOC/GP U/S
14MAR14/1200 14MAR14/1700 KPHL A1625/14

-ILS OR LOC RWY 27L, AMDT 12B...
ILS OR LOC/DME RWY 27R, AMDT 10E...
RNAV GPS RWY 17, AMDT 3...
RNAV GPS RWY 27L, AMDT 1A...
RNAV GPS RWY 27R, AMDT 1B...
RNAV GPS RWY 35, AMDT 3...
RNAV GPS Y RWY 9L, AMDT 1A...
RNAV GPS Y RWY 9R, AMDT 2A...
CIRCLING CAT C/D MDA 700/HAA 664.
TEMPORARY CRANE 344 MSL 2.31 NM E OF RWY 26.
26FEB14/1155 UFN KPHL A1372/14

-VOR/DME A, AMDT 3...
CIRCLING CAT C MDA 700/HAA 664.
TEMPORARY CRANE 344 MSL 2.31 NM E OF RWY 26.
26FEB14/1155 UFN KPHL A1371/14

-RNAV GPS RWY 26, AMDT 1...
LNAV MDA 660/HAT 624 ALL CATS. VIS CAT C/D 1 3/8.
CIRCLING CAT A/B MDA 660/HAA 624, CAT C/D MDA 700/HAA 664.
VDP NA.
TEMPORARY CRANE 344 MSL 2.31 NM E OF RWY 26.
26FEB14/1155 UFN KPHL A1370/14

-ILS OR LOC RWY 17, AMDT 8...
HOOCH FIX MINIMUMS
CIRCLING CAT C/D MDA 700/HAA 664.
TEMPORARY CRANE 344 MSL 2.31 NM E OF RWY 26.
26FEB14/1155 UFN KPHL A1369/14

-ILS OR LOC RWY 9R, AMDT 9A...
BALDN FIX MINIMUMS
CIRCLING CAT C/D MDA 700/HAA 664.
TEMPORARY CRANE 344 MSL 2.31 NM E OF RWY 26.
26FEB14/1155 UFN KPHL A1368/14

-ILS OR LOC RWY 9L, AMDT 4C...
LANDI FIX MINIMUMS
CIRCLING CAT C/D MDA 700/HAA 664.
TEMPORARY CRANE 344 MSL 2.31 NM E OF RWY 26.
26FEB14/1155 UFN KPHL A1367/14

-CONVERGING ILS RWY 9R, AMDT 4...
DELETE NOTE: SIMULTANEOUS CONVERGING APPROACHES AUTHORIZED
WITH RWY 17.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH CONVERGING
ILS RWY 17.
THIS IS CONVERGING ILS RWY 9R, AMDT 4A.
09JAN14/1513 UFN KPHL A0179/14

----- ARRIVAL PROCEDURES -----

-CEDAR
LAKE 8 ARRIVAL - MINIMUM ENROUTE ALTITUDE MEA IS REVISED
BETWEEN ROUTE SEGMENTS. THE MEA BETWEEN BRIGS INTERSECTION
AND CEDAR LAKE VOR VCN AND BETWEEN VCN AND WOODSTOWN VOR
OOD IS REVISED FROM 1900 FEET MSL TO 2100 FEET MSL.
14JUL11/1600 UFN KPHL A1800/11

----- NAVIGATION -----

-/DQO/ VORTAC UNMONITORED
13MAR14/1015 UFN KPHL A1629/14

----- TAXIWAY -----

-TWY H HOLDING POSITION SIGN FOR RWY 17/35 NOT LGTD
13MAR14/1135 30APR14/1000 KPHL A1631/14

-TWY S1 HOLDING POSITION SIGN SOUTH SIDE FOR RWY 27L NOT LGTD
13MAR14/1131 30APR14/1000 KPHL A1630/14

-TWY S TWY DIRECTION SIGN BTN TWY M AND TWY N NOT LGTD
12MAR14/1132 30APR14/1000 KPHL A1624/14

-TWY S4 CL LGT AT RWY 09R/27L OUT OF SERVICE
12MAR14/1127 30APR14/1000 KPHL A1623/14

-TWY K5 TWY DIRECTION SIGN FOR RWY 09L/27R NOT LGTD
11MAR14/1124 31MAR14/1000 KPHL A1617/14

-TWY E HOLDING POSITION SIGN FOR RWY 08/26 WEST SIDE NOT LGTD
11MAR14/0105 UFN KPHL A1616/14

-TWY J BTN TWY Y AND TWY TA WORK IN PROGRESS CONST
SCHEDULE: DAILY 0300-1000
10MAR14/0300 14MAR14/1000 KPHL A1607/14

-TWY S BTN TWY D AND APCH END RWY 27R CLSD
SCHEDULE: DAILY 0300-1000
10MAR14/0300 14MAR14/1000 KPHL A1606/14

-TWY H BTN TWY K AND APCH END RWY 27R CLSD
SCHEDULE: DAILY 0300-1000
10MAR14/0300 14MAR14/1000 KPHL A1605/14

-TWY K1, K2, K3, K4, K5, K6, M, T, TA, V, W CLSD
SCHEDULE: DAILY 0300-1000
10MAR14/0300 14MAR14/1000 KPHL A1603/14

-TWY K BTN TWY Y AND TWY T CLSD
SCHEDULE: DAILY 0300-1000
10MAR14/0300 14MAR14/1000 KPHL A1602/14

-TWY D BTN TWY K AND TWY S CLSD
SCHEDULE: DAILY 0300-1000
10MAR14/0300 14MAR14/1000 KPHL A1601/14

-TWY L BTN TWY K AND TWY S CLSD
SCHEDULE: DAILY 0300-1000
10MAR14/0300 14MAR14/1000 KPHL A1600/14

-TWY P BTN TWY Y AND TWY U CLSD
SCHEDULE: DAILY 0300-1000
10MAR14/0300 14MAR14/1000 KPHL A1599/14

-TWY U IN PAVEMENT RUNWAY GUARD LGT FOR RWY 09R/27L NOT
STD
06MAR14/1254 30APR14/1000 KPHL A1551/14

-TWY Z TWY DIRECTION SIGN FOR TWY S NOT LGTD
04MAR14/0838 30APR14/1100 KPHL A1494/14

-TWY S5 IN PAVEMENT RUNWAY GUARD LGT AT RWY 09R/27L NOT STD
01MAR14/0803 30APR14/1100 KPHL A1432/14

-TWY Y IN PAVEMENT RUNWAY GUARD LGT FOR RWY 09R/27L NORTH SIDE
NOT STD

01MAR14/0801 30APR14/1100 KPHL A1431/14

-TWY Y IN PAVEMENT RUNWAY GUARD LGT AT UPS APRON OUT OF
SERVICE

28FEB14/1224 31MAR14/1100 KPHL A1425/14

-TWY S6 IN PAVEMENT RUNWAY GUARD LGT AT RWY 9R/27L OUT OF
SERVICE

28FEB14/1223 31MAR14/1100 KPHL A1424/14

-TWY Z AND TWY S TWY DIRECTION SIGN FOR RWY 09R/27L NOT LGTD

24FEB14/1209 31MAR14/1100 KPHL A1342/14

-TWY K TWY DIRECTION SIGN FOR TWY M MISSING

21FEB14/1215 31MAR14/1100 KPHL A1306/14

-TWY S TWY DIRECTION SIGN NORTHWEST SIDE FOR TWY U MISSING

21FEB14/1214 31MAR14/1100 KPHL A1305/14

-TWY M HOLDING POSITION SIGN FOR RWY 09L/27R MISSING

21FEB14/1210 31MAR14/1100 KPHL A1304/14

-TWY S9 IN PAVEMENT RUNWAY GUARD LGT FOR RWY 9R/27L
OUT OF SERVICE

20FEB14/1243 31MAR14/1000 KPHL A1295/14

-TWY Y HOLDING POSITION SIGN NORTHEAST SIDE FOR RWY 09R/27L
NOT LGTD

17FEB14/0206 31MAR14/1100 KPHL A1214/14

-TWY J BTN TWY J1 AND TWY Z WORK IN PROGRESS CONST ADJ SOUTH
EDGE

30DEC13/1656 UFN KPHL A3549/13

-TWY E AT TWY K WORK IN PROGRESS ROUGH PAVEMENT AND RUTTING

30DEC13/1650 UFN KPHL A3547/13

-TWY J WORK IN PROGRESS ROUGH PAVEMENT AND UNEVEN SURFACE

30DEC13/1651 UFN KPHL A3546/13

-PHL TWY E BTN TWY K AND TWY H CLSD TO ACFT WINGSPAN MORE
THAN 126FT DURING DEICING AND DEFROSTING OPERATIONS

23OCT13/1153 15APR14/1000 KPHL A2958/13

----- GENERAL -----

-OBST STACK 395211N0750928W 3NM E PHL 243FT 221FT AGL NOT
LGTD 1401311320-1405011320
31JAN14/1320 01MAY14/1320 KPHL 01/509

-OBST STACK 395224N0750935W 3NM E PHL 236FT 214FT AGL NOT
LGTD 1401311319-1405011319
31JAN14/1319 01MAY14/1319 KPHL 01/508

-RNAV GPS RWY 35 AMDT 3...
LP MDA 600/HAT 587 ALL CATS. VIS CATS C/D 1 3/4.
LNAV MDA 600/HAT 587 ALL CATS. VIS CATS C/D 1 3/4.
CIRCLING MDA CAT A 600/HAA 564.
TEMPORARY CRANE 298 MSL 1.76 NM S OF RWY 35.
15OCT13/1230 15MAY14/1200 KPHL A2850/13

-VOR/DME A AMDT 3...
CIRCLING MDA CAT A 600/HAA 564.
TEMPORARY CRANE 298 MSL 1.76 NM S OF RWY 35.
15OCT13/1230 15MAY14/1200 KPHL A2849/13

-PHILADELPHIA INTERNATIONAL AIRPORT AIRSPACE ADS-B
SERVICES TISB AND FISB AVBL FEBRUARY 26, 2010. TIS-B SERVICE
IS AVAILABLE THROUGHOUT THE NAS WHERE THERE ARE BOTH ADEQUATE
SURVEILLANCE COVERAGE RADAR AND BROADCAST COVERAGE FROM
ADS-B GROUND STATIONS. REPORTS OF TIS-B AND FIS-B
MALFUNCTIONS SHOULD BE REPORTED BY RADIO OR TELEPHONE TO THE
NEAREST FSS FACILITY.
12FEB13/2210 UFN KPHL A0485/13

-PRECISION RUNWAY MONITOR U/S
19NOV12/1839 UFN KPHL A2851/12
FLL NO/

- KFLF/FLL - FORT LAUDERDALE/HOLLYWOOD INTL

----- RUNWAY -----

-RWY 10L/28R 60FT E OF TWY E UNGROOVED PAVEMENT 125FT X 50FT
18JAN14/2339 UFN KFLF A0115/14

----- APPROACH AND LANDING -----

-NAV ILS RWY 10R LLZ/OM U/S
02MAY13/1525 UFN KFLF A1366/13

----- ARRIVAL PROCEDURES -----

-FISEL FIVE ARRIVAL...

DELETE NOTE: LANDING FORT LAUDERDALE/HOLLYWOOD INTL; AIRCRAFT WITH WINGSPAN LESS THAN 78FT AND APPROACH SPEED LESS THAN 121K, EXPECT RWY 9R OR RWY 27L.

21AUG13/1752 UFN KFL A2060/13

----- DEPARTURE PROCEDURES -----

-TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES AMDT 5... NOTE: RWY 10L, TEMPORARY CRANE 2658 FT FROM DER, 1177 FT LEFT OF CENTERLINE, 140 FT AGL/145 FT MSL.

RWY 28R, TEMPORARY CRANE 3584 FT FROM DER, 62 FT LEFT OF CENTERLINE, 100 FT AGL/110 FT MSL.

ALL OTHER DATA REMAINS AS PUBLISHED.

05NOV13/1915 01MAY14/1200 KFL A2295/13

----- TAXIWAY -----

-TWY D NORTH OF TWY A CLSD

09MAR14/2204 UFN KFL A0387/14

-TWY T8 CLSD

09MAR14/2203 UFN KFL A0386/14

-TWY Q CLSD SOUTH OF TWY P

19FEB14/1544 UFN KFL A0282/14

-TWY T7 CLSD

14FEB14/2100 14MAR14/2100 KFL A0255/14

-TWY G CLSD

08FEB14/0335 UFN KFL A0208/14

-TWY D BTN TWY C AND TWY T8 COMMISSIONED 75FT WIDE CONC LGTD

06FEB14/1311 03APR14/0900 KFL A0197/14

-TWY N BTN TWY Q AND TWY T8 DECOMMISSIONED

1402061313-1404030900

06FEB14/1313 03APR14/0900 KFL 02/027

-TWY D SOUTH OF TWY T6 CLSD

18JAN14/2333 UFN KFL A0114/14

-TWY P SFC PAINTED DIRECTIONAL SIGN AT TWY E NOT STD DUE TO REPAINTING

18JAN14/2304 UFN KFL A0098/14

----- RAMP -----

-APRON RAMP Z CLSD
08FEB14/0336 UFN KFL A0209/14

----- GENERAL -----

-SVC TFC MANAGEMENT PROGRAM ALERT SEE ATCSCC MSG
1403131712-1403140059
13MAR14/1712 14MAR14/0059 KFL 03/067

-SVC TFC MANAGEMENT PROGRAM ALERT SEE ATCSCC MSG
1403131652-1403140259
13MAR14/1652 14MAR14/0259 KFL 03/066

-OBST CONCRETE BOOM UNKWN 4000FT W OF RWY 10L DISPLACED
THRESHOLD 56FT 50FT AGL LGTD 1403100930-1404101000EST
10MAR14/0930 UFN KFL 03/044

-OBST TOWER LGT ASR 1030058 260450.10N0801243.90W 3.2NM W
FLL 171FT 161FT AGL OUT OF SERVICE 1403040749-1403190749
04MAR14/0749 19MAR14/0749 KFL 03/014

-OBST TREES 260505.2N0801010.7W .35N AER 10L 104FT 78FT AGL
1402080422-1405080420EST
08FEB14/0422 UFN KFL 02/037

-OBST CRANE 26052882N80073567W 0.9NM ENE APCH END RWY 28R
170FT 150FT AGL NOT LGTD 1402022000-1405021200
02FEB14/2000 02MAY14/1200 KFL 02/005

-OBST CRANE 260528N0800935W .79NM N APCH END RWY 10L 240FT
235FT AGL LGTD AND FLAGGED SR-SS 1401291506-1409011500
29JAN14/1506 01SEP14/1500 KFL 01/123

-OBST CRANES 260436N0800916W 5070FT S APCH END RWY 10L 112FT
100FT AGL FLAGGED 1401182335-1403192305EST
18JAN14/2335 UFN KFL 01/093

-OBST CRANE 260436N0800916W 4000FT S APCH END RWY 28R 161FT
150FT AGL FLAGGED 1401182317-1403192305EST
18JAN14/2317 UFN KFL 01/082

-OBST CRANE 260436N0801038W 2700 W APCH END RWY 10L 110FT
100FT AGL FLAGGED SR-SS 1310291623-1404011200EST
29OCT13/1623 UFN KFL 10/066

-ILS OR LOC RWY 10L AMDT 23...

MISSED APPROACH: CLIMBING RIGHT TURN TO 4000 ON HEADING 108
AND ON DHP VORTAC R-052 TO MARTS/DHP 25.70 DME AND HOLD,
CONTINUE CLIMB-IN-HOLD TO 4000. DME REQUIRED.
18OCT13/1310 18MAY14/1200 KFLA A2255/13

-ILS OR LOC RWY 10L AMDT 23...
ILS OR LOC RWY 28R AMDT 10...
RNAV GPS Z RWY 10L AMDT 3...
RNAV GPS Y RWY 28R AMDT 3B...
VOR RWY 28R AMDT 13...
CIRCLING: CAT D MDA 820/HAA 811, CAT D VIS 2 3/4.
18OCT13/1330 18MAY14/1200 KFLA A2253/13

-COM REMOTE COM OUTLET 126.7 OUT OF SERVICE
1310021943-1310061941EST
02OCT13/1943 UFN KFLA 10/003

-FORT LAUDERDALE/HOLLYWOOD INTERNATIONAL AIRPORT
AIRSPACE ADS-B SERVICES TISB AND FISB AVBL APRIL 01, 2011.
TIS-B SERVICE IS AVAILABLE THROUGHOUT THE NAS WHERE THERE ARE
BOTH ADEQUATE SURVEILLANCE COVERAGE RADAR AND BROADCAST
COVERAGE FROM ADS-B GROUND STATIONS. REPORTS OF TIS-B AND
FIS-B MALFUNCTIONS SHOULD BE REPORTED BY RADIO OR TELEPHONE
TO THE NEAREST FSS FACILITY.
12FEB13/2153 UFN KFLA A0420/13

NO/A

- MARS DEN SQUARE 0806 -

-WITH THE EXCEPTION OF MYNN AND MYGF RNAV PROC IN THE BAHAMAS
ARE NOT AUTH DUE TO AIRSPACE CLASSIFICATION RESTRICTIONS.
25FEB14/1930 26MAY14/1930 MYNA A0023/14

-REMOTE A/G COM BTN MYNN AND MYAM FREQ 124.2 MHZ OPR AIRMEN
ARE ADZ TO UTILIZE FREQ IN THE VCY OF MYAM AND MYAT
01OCT13/1333 UFN MYAM A0240/13
NO/A

- MARS DEN SQUARE 0812 -

-EFFECTIVE JUNE 12, 2008 AIRCRAFT DEPARTING FROM SOUTH FLORIDA
IRPORTS LANDING MDLR AND MDPC SHALL FILE THE FOLLOWING ROUTES
TO THE SANTO DOMINGO FIR BOUNDARY: GTK.R763.MACKI.L453.ASIVO
OR ZIN.A636.RETAK
12JUN08/1349 UFN KZMA A0321/08

PILOT REPORTS

UA /OV KPHL/TM 1711/FLUNKN/TP B737/TB INTMT MOD CHOP BLO 070/RM

DURGC SFC-070 AWC-WEB:SWA

FIELD CONDITIONS

PHL 110416

/FC

* PHL FIELD REPORT *

DATE 13MAR14 TIME 1635 LOCAL

EXISTING TAA NONE

RWY	STATUS	CONDITIONS	BRAKING ACTION/RMKS
09L /27R	OPEN	DRY	
09R /27L	OPEN	DRY	
17 /35	OPEN	DRY	
08 /26	OPEN	DRY	
RAMP/TXWY SURFACE DRY			

RUNWAY 1- 27L 2- 27R 3- 27LX 4- 35 5- 27LS

SPECIAL ADVISORIES

RAMP-GATE B,C,WEST TERMIN LS 2435/EAST 431

IF YOU NEED RWY09R TELL RAMP CONTROL AND FAA ON 1ST CONTACT

UPDATED 1334/13MAR K DONNELLY

FLL 110416

/FC

* FLL FIELD REPORT *

DATE 13MAR14 TIME 1635 LOCAL

EXISTING TAA 13-055

RWY	STATUS	CONDITIONS	BRAKING ACTION/RMKS
10L /28R	OPEN	DRY	
10R /28L	CLOSED	DRY	
RAMP/TXWY SURFACE DRY			

RUNWAY 1- 10L 2- 28R 3- 0 4- 0 5- 0

SPECIAL ADVISORIES

(
***** NEW GREEN TAXIWAY CENTERLINE REFLECTORS *****
** TXWY CHARLIE AT APPR.END RW 09L) TXWY ECHO AT GOLF INTSCN
[REDACTED]
TAXILINE TANGO RESTRICTED TO AC WITH WINGSPAN LESS THAN 170

UPDATED 1413/13MAR R F WOOD
END DATA

* US AIRWAYS *
 * AIRCRAFT FUEL DISTRIBUTION - JET A FUEL *

 FLIGHT NO. 1702 A/C NO. 113 GATE NO. B6
 DATE 03/13/14 DEPARTURE STA. PHL DESTINATION STA. FLL
 FLEET TYPE 320 SCHED DEPT 1750 PRINT TIME 1637

CAUTION

 * MAXIMUM ALLOWABLE UNBALANCE OF FUEL LOAD *
 * BETWEEN MAIN WING TANKS 1000 LBS *
 * EXCEPT EMB190 WHICH IS 800 LBS *

TANK	GAUGE READING BEFORE FUELING -LBS-	GAUGE READING AFTER FUELING -LBS-	GATE RELEASE QTY. REQUIRED -LBS-	TANK
L	3910	12470	12215	L
C	30	50	0	C
R	4140	12200	12215	R
			0	
			0	
			0	
			0	
TOTAL	8080	24720	24430	TOTAL

CALCULATED FUEL ADDED/DEFUELED 16640 POUNDS
 DIVIDED BY ACTUAL DENSITY -USE 6.70 IF NOT AVAILABLE- 24720
 GALLONS ADDED/DEFUELED FROM EQUIPMENT METER 2484 GALLONS
 ACTUAL DIFFERENCE 2453 GALLONS
31 GALLONS

FUEL CAP REPLACED [Signature]
 -INITIAL-

FUEL PANEL DOOR CLOSED [Signature]
 -INITIAL-

FUELER SIGNATURE [Signature]

EQUIPMENT NO. 9445
9456

USE THIS FORM ONLY WHEN EQUIPMENT METER READS IN GALLONS.

DISTRIBUTION: WHITE-US AIRWAYS OPERATIONS YELLOW-FLIGHT CREW
 OF-314 REV. 2/2004

REMARKS
 MEL ITEMS
 FUELERS: PAY ATTENTION TO THE CHARTER 2A ONLY MELS IF ANY TO



Aircraft Service Record

30857046

MISC.

DATE: 3/13/14	CUSTOMER: USAIR	GA <input type="checkbox"/>	FLIGHT NO: 1702
A/C TYPE: A320	TAIL NBR: 113	ORIGIN: phl	DESTINATION: FLL

Jet A <input checked="" type="checkbox"/>	Jet A w/Additive <input type="checkbox"/>	Bonded Jet <input type="checkbox"/>	Auto <input type="checkbox"/>
100 LL <input type="checkbox"/>	Diesel <input type="checkbox"/>	Other <input type="checkbox"/>	Other <input type="checkbox"/>

Transfer from:	To:	Other:	
FOB <input type="checkbox"/>	Preload <input type="checkbox"/>	Recirc. <input type="checkbox"/>	Callback <input type="checkbox"/>
Defuel <input type="checkbox"/>	Refuel <input checked="" type="checkbox"/>	Inop Gauge <input type="checkbox"/>	A/C Swap <input type="checkbox"/>
GSE <input type="checkbox"/>			

Services Requested:

Meter 1	Finish	Meter 2
---------	--------	---------

METER NUMBER 9445 AVIATION
 1
 SALE NUMBER 39052
 TIME START 03/13/14 16:10:13
 TIME END 03/13/14 16:29:32
 START COUNT 0 GALLONS
 END GROSS COUNT 2453 GALLONS
 GROSS DELIVERY 2453 GALLONS
 TOTAL GALLONS: START TOTALIZER 60651801 GALLONS
 END TOTALIZER 60654254 GALLONS

Supplier: ASIG	Unit: 1003	Location: 773	GRA: 6
FUELER: [Redacted]	NBR:	ON A/C:	OFF A/C:

Received by: (Customer) X

FUEL CAPS ATTACHED (if applicable); FUEL PANEL DOOR CLOSED & SECURED. FUELER INITIALS:

Note: The following documentation was recovered from the accident aircraft and provided to the NTSB by Mr. Dennis Petry, FAA Ops Group member, on March 21, 2014.

ATSU .N113UW AWE1702 130300 21:54:33
COCKPIT PRINTER MESSAGE - LABEL C1
.TULDDUS 132156
AGM
AN N113UW/AP PHL
- W/BS1702PHL113

TOW WND HW 00 OAT 00C
R27L R27R
CNF DRY DRY
01-27K 169700 169700
02-27K 169700 169700
LND FLL OAT 22C WND 0
R10L/28R WET OR DRY
CNF FULL 142200
CNF 03 142200

ZFW 128435 ZFWCG35.5
FOB 24600
RAMP 153035
MTOW 156700L

PAX 149
F 30 A 2550
MAC 32.9 STAB 0.9D
CNF R27L AT R27R AT
01 84.3 53C 84.3 53C
02 84.3 53C 83.6 57C
E/O 1040 MSL 1123 MSL

ADJ V-SPEEDS
GTOW 152405 A2988

CF 01 V1 VR V2
R27L 157/159/159
R27R 157/159/159
CF 02 V1 VR V2
R27L 148/148/149
R27R 149/149/150

27L 2
8/19 L
GSI-NO

L/A F-00 A-00
R/A F-00 A-00
45

*

- IFR AWE1702/13MAR 113/N1130W KPHL KFLI ALTN NONE
FUBO 15104 GATE REL 024430
ELV KPHL 0036 KFLI 0009

RAMP WT P02000 TIME P02 FUEL P0273 COST P0083 FL 320

RWT 153830 PLD 032600 D004813 GND21/03 000 CI-035 SK
BIAS P06.0 AVG WIND DIR/COMP 284/M012 AVG TD P005

	FUEL	TIME	FL	DIST
BURN..... PHL FLL	014474	0213	320	0935
ALTN*..... NONE				
ALTN..... NONE				
HOLD.....	003401	0045		
RSV.....	003925	0045		
CTNGCY...	001000			
MEL/CDL..	000000			

T.O. MIN.	022800			

TAXI.....	000630	0021		
TANKER...	000000			
EXTRA.....	001000			
GATE REL.	024430			

ACFT RESTR -NONE

MEL/CDL ITEMS

CDL	1202000	71-09-011	HOLD OPEN ROD E
PLA	0001000	PLA	CLOCK INT MODE

RMKS/ *****WHEELS UP TIME 2229Z CALL OR ACARS FOR
POSSIBLE MODERATE TURB SFC TO 080 PHL AREA

DISP RACHAEL MCMAHON DD28 412-474-4528

DCT	208	0912	27	32066	408	0008	....	....	....
			3				....	....	....
HAYDO	200	018	21	M36		004	....	
DCT	208	0894	28	32069	405	0012	....	D....	W01
			2				....		....
SBY	199	052	30	M55		006	....	
DCT	208	0842	28	31066	396	0018	....		....
111.200			0				....		....
TOC	217	033	32	M58		001	....	043	020
DCT	229	0809	28	30074	365	0019	....	0043	....
			0				....		....
KEMPR	217	073	32	M43	277	009	....	009	015
DCT	226	0736	28	30073	450	0028	....	0052	....
			0		765		....		....
ILM	216	159	32	M45	277	022	....	022	017
DCT	228	0577	31	29094	437	0050	....	0074	....
117.000			2		765		....		....
METTA	202	117	32	M45	277	016	....	016	015
AR21	215	0460	32	29103	442	0106	....	0090	....
			0		765		....		....
SPIKY	202	004	32	M45	277	001	....	000	015
AR21	215	0456	32	28102	437	0107	....	0090	....
			0		765		....		....
BAHAA	202	120	32	M42	277	016	....	017	015
AR21	216	0336	39	28108	433	0123	....	0107	....
			1		765		....		....
HALSS	199	076	36	M43	261	011	....	011	015
AR21	212	0260	55	27108	435	0134	....	0110	....
			0		785		....		....
CRANS	199	053	36	M44	261	007	....	008	015
AR21	211	0207	54	27095	435	0141	....	0126	....
			0		785		....		....
FATHR	197	061	36	M45	261	008	....	008	015
FISEL5	210	0146	53	27103	431	0149	....	0134	....
			0		785		....		....
TOOMR	170	028	36	M45	261	004	....	003	010
FISEL5	184	0118	55	27111	474	0153	....	0137	....
			0		785	


```

      0
      ....
-----
FLL      103  033  00  P24      005  ....  010  0093
FISEL5   102  0000 54  28055  424  0213  ....  0151  ....
      0
      ....
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/// F-4 PILOT ALERT MESSAGES ///

F-4 MSG NBR 9652
SUBJECT- FLL AIRPORT DIAGRAM

REFERENCE- THE FLL AIRPORT DIAGRAM THAT WAS PRINTED ON 6, 2014 HAS SOME INCORRECT INFORMATION THAT MAY CAUSE CONFUSION TO FLIGHT CREWS. THESE ERRORS ARE....

- TAXIWAY DELTA INCORRECTLY SHOWS CLOSED BETWEEN TAXIWAY CHARLIE AND TAXIWAY QUEBEC. TAXIWAY DELTA IS OPEN BETWEEN THESE TWO TAXIWAYS.
- TAXIWAY DELTA WAS INCORRECTLY CHANGED TO TAXIWAY NORTON BETWEEN TAXIWAY QUEBEC AND CONNECTOR T8. THE TAXIWAY SHOULD BE TAXIWAY DELTA IN THIS AREA.

CREWS SHOULD REFERENCE PERTINENT NOTAMS FOR THE LATEST INFORMATION. DAVE SURRIDGE/MNGR FLT OPS POLICY AND PROCEDURES

F-4 MSG NBR 9822
SUBJECT- SIGMET QUEBEC 1 VALID UNTIL 132259

REFERENCE- NY NJ PA WV MD DC DE VA AND CSTL WTRS FROM 50ENE SLT TO 30SW HTO TO 80SE SBY TO 40SW CSN TO 100W OCNL SEV TURB BLW 080. DUE TO STG LOW LVL WINDS. RPTD BY MET OPS
CONDS CONTG BYD 2259Z.

/// END OF F-4 MESSAGES ///

END

///// APPENDED MESSAGES /////

*** FORECAST USED FOR PLANNING ***

ENRT	WX	FL 240	FL 300	FL 340	FL 380
	I	OAT	WIND	WCP	I OAT WIND WCP I OAT
KEM	0M38/31077P014	0M42/30087P003	0M44/29085M015	0M43/28112M038	0M45/28112M038
ILM	0M32/31089P011	0M43/29102M023	0M45/28112M038	0M45/28112M038	0M45/28112M038
MET	0M32/30075P014	0M43/29095M008	0M43/28116M024	0M47/28116M024	0M47/28116M024
SPI	0M32/30075P014	0M43/29095M008	0M43/28116M024	0M47/28116M024	0M47/28116M024
BAH	0M27/28086M012	0M38/28114M027	0M41/28112M031	0M49/28112M031	0M49/28112M031
HAL	0M25/28093M012	0M38/28107M021	0M42/27104M029	0M49/27104M029	0M49/27104M029

REFERENCE- VALID ONLY AFTER DISPATCHER HAS CONFIRME

PHLFLLAR	2	PHL..OOD..TEBEE..HAYDO..SBY..KEMPR..I .CRANS.FISEL5.FLL
PHLFLLB0	45	PHL..MXE..PENSY.J110.AIR.J91.HNN..SPA TAY.JINGL3.FLL
PHLFLLAZ	16	PHL..OOD..TEBEE..HAYDO..SIE.B24.AZEZU M201.BAHAA.AR21.CRANS.FISEL5.FLL
PHLFLLSA	47	PHL..STOEN.J75.CAE.J51.SAV.J103.OMN.F
PHLFLLTA	44	PHL..STOEN.J75.TAY.JINGL3.FLL
PHLFLL60	48	PHL..PTW..SARAA..RAV..PSB.J60 .DJB.J83.SPA.J85.TAY.JINGL3.FLL
PHLFLL61	13	PHL..STOEN.J75.BINKS..OTT.J61.HUBBS.J AR21.CRANS.FISEL5.FLL
PHLFLLKA	1	PHL..OOD..TEBEE..HAYDO..SBY.J79.KATZN .J121.CHS.J79.OMN.FISEL5.FLL
PHLFLLJE	17	PHL..OOD..TEBEE..HAYDO..SBY..KEMPR..I .BAHAA..OMN.J79.TRV.FISEL5.FLL
PHLFLLJ6	25	PHL..MXE..PENSY.J110.FLIRT.J6.HVQ.J85 .JINGL3.FLL

/// END OF SPECIAL INFO MESSAGES ///

AUZD CAPT SIGNATURE..... 13MA

