

OFP XQTST1/15 15MAY LTAI/ AYT EDDK/ CGN ELEVATION 229  
 1/0/0 TCSMB (104.6) 1600/1622 2000/2000 FMS  
 ETD ...../...../..... COST INDEX 3  
 CTOT .....  
 ROUTE AYTCGN1  
 ATS C/S TST1 ACT ...../...../..... TTL DIST 1399  
 SPEED ECON  
 AVGE FF 2133  
 AVGE WC M040  
 EST LOAD ADDFU ZFW LW TOW  
 15000 0L MAX 65952 69308 79995  
 PLN 15000 0L PLN 59293 61527 69289

ACT ..... TKOF ALTN .....

## FLIGHT PLAN ROUTE

-LTAI/36R F360 EKNUD1F EKNUD UQ26 HANKO/F380 UQ26 DIGBO UL615 VADEN  
 DCT UTEKA DCT DONIV DCT TONDO DCT OKORA DCT BEGLA DCT FMD DCT KOVEL  
 DCT DITIS DCT RAPET T843 DEMAB/F240 T842 EBANA T841 ERNEP ERNEP2C  
 EDDK/13L

## CLEARANCES

| TIME | POSITION | TRK | DIST | LVL | TP | T   | W/V    | TAS | G/S | PRC  | REFU |
|------|----------|-----|------|-----|----|-----|--------|-----|-----|------|------|
| TTL  | ETO      | MSA | TTL  |     |    |     |        | SR  |     |      | PLN  |
| PTO  | ATO      |     |      |     |    |     |        |     |     |      | ACT  |
| .... | LTAI/36R |     |      |     | 42 | P07 | 15/002 |     |     | .... | .... |
| 2    |          |     | 6    | CLB |    |     |        | 311 |     |      |      |
| 0002 | AI640    | 40  | 0006 |     | 42 | P08 | 18/001 |     |     |      | 9.5  |
| .... | ....     |     |      |     |    |     |        |     |     | .... | .... |
| 1    |          |     | 5    |     |    |     |        | 311 |     |      |      |
| 0003 | AI641    | 88  | 0011 |     | 42 | P07 | 31/006 |     |     |      | 9.4  |
| .... | ....     |     |      |     |    |     |        |     |     | .... | .... |
| 1    |          |     | 5    |     |    |     |        | 311 |     | 273  |      |
| 0004 | T O C    | 94  | 0016 | 100 | 42 | +03 | 30/007 |     |     | 482  | 9.3  |
| .... | ....     |     |      |     |    |     |        |     |     | .... | .... |
| 3    |          |     | 11   |     |    |     |        | 311 |     |      |      |
| 0007 | AI660    | 94  | 0027 |     | 42 | P06 | 29/007 |     |     |      | 9.3  |
| .... | ....     |     |      |     |    |     |        |     |     | .... | .... |
| 1    |          |     | 6    |     |    |     |        | 311 |     |      |      |
| 0008 | AI661    | 94  | 0033 |     | 42 | P06 | 29/007 |     |     |      | 9.2  |
| .... | ....     |     |      |     |    |     |        |     |     | .... | .... |
| 1    |          |     | 4    |     |    |     |        | 311 |     |      |      |
| 0009 | AI662    | 91  | 0037 |     | 42 | P07 | 28/020 |     |     |      | 9.2  |
| .... | ....     |     |      |     |    |     |        |     |     | .... | .... |
| 3    |          |     | 17   |     |    |     |        | 451 |     |      |      |
| 0012 | AI663    | 109 | 0054 |     | 42 | P07 | 28/041 |     |     |      | 8.9  |
| .... | ....     |     |      |     |    |     |        |     |     | .... | .... |
| 3    |          |     | 21   |     |    |     |        | 451 |     |      |      |
| 0015 | EKNUD    | 113 | 0075 |     | 42 | P04 | 29/085 |     |     |      | 8.7  |
| .... | ....     |     |      |     |    |     |        |     |     | .... | .... |
| 10   |          |     | 65   |     |    |     |        | 451 |     | 275  |      |
| 0025 | T O C    | 113 | 0140 | 360 | 40 | -53 | 28/108 |     |     | 783  | 8.1  |
| .... | ....     |     |      |     |    |     |        |     |     | .... | .... |

LTBB

ISTANBUL FIR

|              |             |      |      |     |    |     |        |     |     |      |      |
|--------------|-------------|------|------|-----|----|-----|--------|-----|-----|------|------|
| 4            |             | T333 | 23   |     |    |     |        | 451 | 373 |      |      |
| 0029         | HANKO       | 82   | 0163 | CLB | 40 | -55 | 28/103 |     |     |      | 8.0  |
| ....         | ....        |      |      | 380 |    |     |        |     |     | .... | .... |
| 24           |             | 325  | 151  |     |    |     |        | 449 | 371 | 787  |      |
| 0053         | DIGBO       | 82   | 0314 |     | 39 | -58 | 28/096 | 8   |     |      | 7.1  |
| ....         | ....        |      |      |     |    |     |        |     |     | .... | .... |
| LBSR         |             |      |      |     |    |     |        |     |     |      |      |
| SOFIA FIR    |             |      |      |     |    |     |        |     |     |      |      |
| 11           |             | 303  | 64   |     |    |     |        | 449 | 361 |      |      |
| 0104         | VADEN       | 46   | 0378 |     | 39 | -58 | 27/085 | 8   |     |      | 6.7  |
| ....         | ....        |      |      |     |    |     |        |     |     | .... | .... |
| 38           |             | 298  | 239  |     |    |     |        | 449 | 374 | 786  |      |
| 0142         | UTEKA       | 97   | 0617 |     | 37 | -58 | 26/065 | 7   |     |      | 5.4  |
| ....         | ....        |      |      |     |    |     |        |     |     | .... | .... |
| LYBA         |             |      |      |     |    |     |        |     |     |      |      |
| BEOGRAD UIR  |             |      |      |     |    |     |        |     |     |      |      |
| 11           |             | 314  | 73   |     |    |     |        | 451 | 409 | 784  |      |
| 0153         | DONIV       | 56   | 0690 |     | 36 | -55 | 26/053 | 5   |     |      | 5.1  |
| ....         | ....        |      |      |     |    |     |        |     |     | .... | .... |
| LHCC         |             |      |      |     |    |     |        |     |     |      |      |
| BUDAPEST FIR |             |      |      |     |    |     |        |     |     |      |      |
| 15           |             | 316  | 109  |     |    |     |        | 453 | 417 | 783  |      |
| 0208         | TONDO       | 23   | 0799 |     | 34 | -54 | 27/044 | 4   |     |      | 4.5  |
| ....         | ....        |      |      |     |    |     |        |     |     | .... | .... |
| 9            |             | 317  | 59   |     |    |     |        | 453 | 424 |      |      |
| 0217         | OKORA       | 22   | 0858 |     | 33 | -52 | 27/039 | 4   |     |      | 4.2  |
| ....         | ....        |      |      |     |    |     |        |     |     | .... | .... |
| 11           |             | 321  | 82   |     |    |     |        | 457 | 429 | 782  |      |
| 0228         | BEGLA       | 36   | 0940 |     | 31 | -49 | 29/031 | 4   |     |      | 3.8  |
| ....         | ....        |      |      |     |    |     |        |     |     | .... | .... |
| LOVV         |             |      |      |     |    |     |        |     |     |      |      |
| VIENNA FIR   |             |      |      |     |    |     |        |     |     |      |      |
| 4            |             | 310  | 26   |     |    |     |        | 459 | 430 |      |      |
| 0232         | FMD         | 28   | 0966 |     | 30 | -47 | 30/028 | 3   |     |      | 3.7  |
| ....         | ....        |      |      |     |    |     |        |     |     | .... | .... |
| 7            |             | 311  | 54   |     |    |     |        | 459 | 431 |      |      |
| 0239         | KOVEL       | 35   | 1020 |     | 28 | -47 | 31/025 | 2   |     |      | 3.5  |
| ....         | ....        |      |      |     |    |     |        |     |     | .... | .... |
| 4            |             | 302  | 23   |     |    |     |        | 459 | 433 | 781  |      |
| 0243         | DITIS       | 37   | 1043 |     | 28 | -46 | 35/029 | 1   |     |      | 3.4  |
| ....         | ....        |      |      |     |    |     |        |     |     | .... | .... |
| LKAA         |             |      |      |     |    |     |        |     |     |      |      |
| PRAGUE FIR   |             |      |      |     |    |     |        |     |     |      |      |
| 8            | N4931E01348 | 306  | 64   |     |    |     |        | 459 | 436 |      |      |
| 0251         | *CFS ETP*   | 45   | 1107 |     | 29 | -47 | 35/029 | 2   |     |      | 3.1  |
| ....         | ....        |      |      |     |    |     |        |     |     | .... | .... |
| 10           |             | 306  | 69   |     |    |     |        | 459 | 435 |      |      |
| 0301         | RAPET       | 45   | 1176 |     | 30 | -47 | 00/042 | 2   |     |      | 2.7  |
| ....         | ....        |      |      |     |    |     |        |     |     | .... | .... |
| EDUU         |             |      |      |     |    |     |        |     |     |      |      |
| RHEIN UIR    |             |      |      |     |    |     |        |     |     |      |      |
| 2            |             | 284  | 14   |     |    |     |        | 455 | 447 | 779  |      |
| 0303         | URONA       | 42   | 1190 |     | 31 | -48 | 01/050 | 5   |     |      | 2.7  |
| ....         | ....        |      |      |     |    |     |        |     |     | .... | .... |
| 11           |             | 283  | 80   |     |    |     |        | 453 | 447 | 778  |      |
| 0314         | DEMAB       | 47   | 1270 | 380 | 36 | -52 | 02/072 | 6   |     |      | 2.3  |
| ....         | ....        |      |      | 240 |    |     |        |     |     | .... | .... |

EDGG

LANGEN FIR

|      |          |     |      |     |    |     |        |     |     |      |      |
|------|----------|-----|------|-----|----|-----|--------|-----|-----|------|------|
| 6    |          | 319 | 41   |     |    |     |        | 358 | 395 | 593  |      |
| 0320 | T O D    | 35  | 1311 | 240 | 36 | P00 | 02/045 |     |     |      | 2.3  |
| .... | ....     |     |      |     |    |     |        |     |     | .... | .... |
| 6    |          |     | 40   | DES |    |     |        | 358 |     | 280  |      |
| 0326 | ERNEP    | 40  | 1351 |     |    | M03 | 03/017 |     |     | 280  | 2.2  |
| .... | ....     |     |      |     |    |     |        |     |     | .... | .... |
| 12   |          |     | 48   |     |    |     |        | 358 |     |      |      |
| 0338 | EDDK/13L | 38  | 1399 |     |    |     |        |     |     |      | 2.0  |

|    |         |      |     |      |      |      |         |       |      |       |  |
|----|---------|------|-----|------|------|------|---------|-------|------|-------|--|
|    | ALTN    | DIST | LVL | WC   | TIME | FUEL | VIA     |       |      |       |  |
| C7 | EDLP/24 | 121  | 150 | M012 | 0029 | 1083 | PODIP2Q | PODIP | Y867 | PELUN |  |
|    |         |      |     |      |      |      | PELUN3H |       |      |       |  |

  

|      |          |      |      |     |    |     |        |        |     |      |      |
|------|----------|------|------|-----|----|-----|--------|--------|-----|------|------|
| .... | EDDK/13L |      |      |     |    | 38  | M05    | 03/013 |     |      | .... |
| 4    |          |      | 16   |     |    |     |        |        |     |      |      |
| 0004 | DK920    | 28   | 0016 |     |    | 38  |        | 03/014 |     |      | 1.7  |
| .... | ....     |      |      |     |    |     |        |        |     | .... | .... |
| 1    |          |      | 1    |     |    |     |        |        |     |      |      |
| 0005 | DK921    | 28   | 0017 |     |    | 38  |        | 03/016 |     |      | 1.7  |
| .... | ....     |      |      |     |    |     |        |        |     | .... | .... |
| 1    |          |      | 4    |     |    |     |        |        |     |      |      |
| 0006 | DK922    | 28   | 0021 |     |    | 38  |        | 02/023 |     |      | 1.6  |
| .... | ....     |      |      |     |    |     |        |        |     | .... | .... |
| 2    |          |      | 10   |     |    |     |        |        |     |      |      |
| 0008 | COL      | 29   | 0031 |     |    | 37  |        | 02/032 |     |      | 1.5  |
| .... | ....     |      |      |     |    |     |        |        |     | .... | .... |
| 0    |          |      | 3    |     |    |     |        |        |     | 266  |      |
| 0008 | T O C    | 35   | 0034 | 150 | 37 | -11 | 02/037 |        |     | 508  | 1.4  |
| .... | ....     |      |      |     |    |     |        |        |     | .... | .... |
| 2    |          | T057 | 10   |     |    |     |        | 319    | 286 | 256  |      |
| 0010 | PODIP    | 35   | 0043 |     | 37 | -13 | 02/036 | 4      |     |      | 1.3  |
| .... | ....     |      |      |     |    |     |        |        |     | .... | .... |
| 4    |          | 058  | 18   |     |    |     |        | 315    | 287 | 253  |      |
| 0014 | BADGO    | 40   | 0062 |     | 37 | -14 | 01/035 | 4      |     |      | 1.2  |
| .... | ....     |      |      |     |    |     |        |        |     | .... | .... |
| 1    |          | 058  | 5    |     |    |     |        | 315    | 288 | 253  |      |
| 0015 | T O D    | 41   | 0067 | 150 | 37 |     | 01/029 |        |     |      | 1.2  |
| .... | ....     |      |      |     |    |     |        |        |     | .... | .... |
| 2    |          |      | 7    | DES |    |     |        |        |     | 280  |      |
| 0017 | PELUN    | 41   | 0074 |     |    |     | 02/020 |        |     | 280  | 1.1  |
| .... | ....     |      |      |     |    |     |        |        |     | .... | .... |
| 6    |          |      | 26   | DES |    |     |        |        |     |      |      |
| 0023 | PAD      | 41   | 0100 |     |    |     | 02/014 |        |     |      | 1.1  |
| .... | ....     |      |      |     |    |     |        |        |     | .... | .... |
| 6    |          |      | 21   |     |    |     |        |        |     |      |      |
| 0029 | EDLP/24  | 29   | 0121 |     |    |     |        |        |     |      | 0.9  |

|    |          |     |     |      |       |      |         |       |       |              |
|----|----------|-----|-----|------|-------|------|---------|-------|-------|--------------|
| C6 | EDDG/25  | 134 | 150 | M017 | 0032  | 1159 | PODIP2Q | PODIP | Y867  | BADGO        |
|    |          |     |     |      | P0003 |      | P76     | Z850  | ADEMI | M170 HMM DCT |
| C4 | EDDV/27R | 171 | 190 | M031 | 0038  | 1409 | PODIP2Q | PODIP | Y867  | WRB          |
|    |          |     |     |      | P0009 |      | P326    | WRB8P |       |              |

C8 EHAM/36C 206 240 M014 0043 1538 WYP2X WYP P64 SONEB P55  
P0014 P455 RKN

REMARKS:

TRIP 7762 03.38 .....  
%3 ERA 211 00.06 EDDB .....  
ALTN 1083 00.29 EDLP .....  
FINAL RES 940 00.30 .....  
ADD DD/DP 0 00.00 .....  
PLNTOF 9996 04.43 ..... NINE NINE NINE  
DIFF .....  
PLNTOF ..... (CORRECTED)  
DISCF ..... POSS 7781L .....  
TANKERING ..... ADVISE 0 .....  
TOF .....  
TAXI ..... 232/00.22  
BLOCK ..... TCAP 20724 ..... REM FUEL ..... AT .....  
3% ERA 233 00:07 AT DEP  
(22 KG INCLUDED IN TRIP)  
ZFW CORR PS 1000 PLNTOF PS 124 / MS 1000 PLNTOF MS 120  
MINI-OPF FOR INFORMATION  
WEIGHT UP 3000 TRIP PS 276 / TIME PS 0.00  
WEIGHT DOWN 3000 TRIP MS 253 / TIME PS 0.01  
2000 ABOVE NOT AVAILABLE  
2000 BELOW TRIP PS 105 / TIME PS 0.04  
4000 BELOW TRIP PS 242 / TIME PS 0.08  
LRC TRIP PS 52 / TIME MS 0.03  
ECON CI45 TRIP PS 66 / TIME MS 0.04  
ECON CI80 TRIP PS 137 / TIME MS 0.06  
SPEED M 0.80 TRIP PS 111 / TIME MS 0.05  
ANALYSED EXTRA FUEL SUMMARY  
MEAN VALUE MS 222 EF90 PS 41 EF99 PS 252  
CONSIDERED FLIGHTS 39  
NO TANKERING RECOMMENDED (P)  
LOSS FOR EXTRA FUEL: 49 US\$/TO

## CRITICAL FUEL SCENARIO

| EET  | POSITION        | AD   | SUIT | PERD | DIST | TIME | W/C  | CFR  | FOB  | COND |
|------|-----------------|------|------|------|------|------|------|------|------|------|
| 0251 | N4931.5E01348.3 | LFSB |      |      | 275  | 0056 | T005 | 2148 | 3100 | DC   |

SUITABLE ENROUTE ALTNS CHECKED AGAINST NOTAM/WEATHER

EDDK 1901-2108

EPWA 1838-2108

LBSF 1702-2050

LF5B 1900-2108

LTAI 1702-1904

MEL/CDL ITEMS:

NIL

THE CREW IS QUALIFIED TO OPERATE FROM THE DEPARTURE AERODROME TO THE  
TAKEOFF ALTERNATE AERODROME (IF SELECTED), ENROUTE ALTERNATE  
AERODROMES, THE DESTINATION AERODROME, THE DESTINATION ALTERNATE  
AERODROMES (IF SELECTED) AND THE ROUTE AS INDICATED IN THIS OPF [ ]

PREP BY C.ALTUNER COMMANDER .....  
(TEL.NR. +90 242 320 2416)  
SITA: AYTOCXO

## TERRAIN CLEARANCE CHECK

DD CHECK - TERRAIN CLEARANCE CHECK COMPLETED WITH NO LIMITATIONS  
FOR TOW UP TO 71.3 TONS AND CRUISE ALTITUDE AT OR ABOVE 12000 FT

DP CHECK - TERRAIN CLEARANCE CHECK COMPLETED WITH LIMITATION  
REVERT TO ESCAPE PROCEDURE

CONSIDERED OXYGEN PROFILE - TIMES MEASURED FROM BEGIN OF EVENT:

AFTER 1 MIN FL400 MAX

AFTER 5 MIN FL170 MAX

AFTER 11 MIN FL140 MAX

AFTER 41 MIN FL100 MAX

\*\*\* DP - DIGBO PLUS 016 NM \*\*\*

DECISION POINT N4138.3 E02806.6

PRIOR TO DECISION POINT - TURN BACK ALONG ROUTE JUST FLOWN TO

NEAREST SUITABLE AIRPORT INCLUDING DEPARTURE - LTAI/AYT

AFTER DECISION POINT - TURN LEFT AND DIVERT DIRECT TO - LTBU/TEQ

\*\*\* DP - DIGBO PLUS 036 NM \*\*\*

DECISION POINT N4149.1 E02744.1

PRIOR TO DECISION POINT - TURN LEFT AND DIVERT DIRECT TO - LTBU/TEO

AFTER DECISION POINT - TURN RIGHT AND DIVERT DIRECT TO - LBBG/BOJ

\*\*\* DP - VADEN PLUS 085 NM \*\*\*

DECISION POINT N4244.7 E02532.1

PRIOR TO DECISION POINT - TURN RIGHT AND DIVERT DIRECT TO - LBBG/BOJ

AFTER DECISION POINT - TURN LEFT AND DIVERT DIRECT TO - LBSF/SOF

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\*\*\* DP - DONIV PLUS 010 NM \*\*\*  
DECISION POINT N4452.1 E02100.4  
PRIOR TO DECISION POINT - TURN LEFT AND DIVERT DIRECT TO - LBSF/SOF  
AFTER DECISION POINT - TURN RIGHT AND DIVERT DIRECT TO - LHBP/BUD  
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\*\*\* DP - TONDO PLUS 059 NM \*\*\*  
DECISION POINT N4645.6 E01822.8  
PRIOR TO DECISION POINT - TURN RIGHT AND DIVERT DIRECT TO - LHBP/BUD  
AFTER DECISION POINT - CONTINUE ALONG FLIGHT ROUTE TO NEAREST  
SUITABLE AIRPORT INCLUDING DESTINATION - EDDK/CGN