

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

Attachment 39 - UPS6 Flight Paperwork

**OPERATIONS/HUMAN PERFORMANCE SUPPORT TO
THE U.S. ACCREDITED REPRESENTATIVE**

DCA10RA092

Contents

A. FLIGHT BRIEFING PAPERS	3
B. AIRPORT BULLETINS.....	38
C. UP6 FUEL SLIP	49

A. Flight Briefing Papers

04/09 2010 01:07 FAX 042996401

UPS GATEWAY DUBAI

0005/0005

Gateway Copy

101
QX DXBKOSX
.LIDERSX 031200/SEP10

BRIEFING PACKAGE (PART 1 OF 2) BEGIN PAGE 1 OF 32
UPS6 / 03SEP2010 OMDB EDDK OFF 13 FRI SEP 03 2010 12:00:11

FLIGHT RELEASE

DISPATCHER PATTY HICKS RELEASE TIME 14.00
ACFT REG N571UP DATE 09/03/10
ACFT TYPE B747-400F
VIA T/O
ORG DST ALTN ALTN ALTN TAKEOFF FUEL
IFR FLIGHT UPS6/03 OMDB-EDDK EDDF 187.1

FMS ROUTE OMDB RANBI N571 BALUS UL768 OTILA UR219 MODAD B544 ALE
UB402 NISAP UM861 BUK UL602 BUDOP UL850 LALIN UL604
DEMAB T842 RUNER T858 KOPAG KOPAG1C EDDK

REMARKS
ADDL FUEL FOR ENRTE AND DEST WX
EXTRA FUEL FOR TAXI

FLIGHT CONTROL CONTACT
DOM 800-247-1907
INTL 01-502-359-8378

SIGNATURE

OFF 13 OPERATIONAL FLIGHT PLAN

FLIGHT NBR UPS6 DATE 09/03/10 SCHEDULE PLAN
ACFT REG N571UP OMDB STD 14.00 ETD 14.00
ACFT TYPE B747-400F TXO 00.16
SPEED CLB 340.M84 SELCAL BKPO ETE 06.20 ETE 06.19
SCHD CRZ C10 WIND M021 TXI 00.04 ETA 20.35
DSC M84.320 ISA P09 EDDK STA 20.40 PTA 20.39
ROUTE DXBCGN001 DIFF -0.01

NO TANKERING RECOMMENDED
LOSS FOR EXTRA FUEL US\$/1000 LBS. \$49.00

FUEL TIME DIST NAM PLANNED STRUCTURAL
BURN OFF 149.1 06.19 2861 2998 ETOW 0770.3 MTOW 0875.0
ALTN/EDDF 010.7 00.28 0142 0135 ELDW 0621.2 MLDW 0652.0
RESERVE 013.4 00.38 EZFW 0582.0 MZFW 0610.0
HOLDING 009.2 00.30 EPLD 0230.0
CONTINGENCY
ADDITIONAL 004.7 00.15

TAKEOFF FUEL 187.1 08.10

TAXI 002.7
EXTRA 001.3
TOTAL FUEL 191.1

ALTERNATE DATA EDDK - EDDF
EDDF N50 02.0 E008 34.2
FL 150 CRZ C10 WIND P013
EDDK.COL9B.COL.T911.ROLIS.
ROLIS1E.EDDF

BRIEFING PACKAGE (PART 1 OF 2)
UPS6 / 03SEP2010 OMDB EDDK OFF 13

END PAGE 1 OF 32
FRI SEP 03 2010 12:00:11

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE



03-sep-2010 16:15:41 UTC

FLIGHT RELEASE

DISPATCHER PATTY HICKS
 ACFT REG N571UP
 ACFT TYPE B747-400F
 IFR FLIGHT UPS6/03
 OMDB-EDDK

VIA
 ALTN ALTN
 EDDF

T/O
 TAKEOFF FUEL
 187.1

RELEASE TIME 14.00
 DATE 09/03/10

FMS ROUTE OMDB RANBI N571 BALUS UL768 OTILA UR219 MODAD B544 ALE
 UB402 NISAP UM861 BUK UL602 BUDOP UL850 LALIN UL604
 DEMAB T842 RUNER T858 KOPAG KOPAG1C EDDK

REMARKS
 ADDL FUEL FOR ENRTE AND DEST WX
 EXTRA FUEL FOR TAXI

FLIGHT CONTROL CONTACT
 DOM 800-247-1907
 INTL 01-502-359-8378

SIGNATURE

OPERATIONAL FLIGHT PLAN

FLIGHT NBR UPS6
 ACFT REG N571UP
 ACFT TYPE B747-400F

DATE 09/03/10

SCHEDULE PLAN
 OMDB STD 14.00 ETD 14.00
 TXO 00.16
 ETE 06.20 ETE 06.19
 TXI 00.04 ETA 20.35
 EDDK STA 20.40 PTA 20.39
 DIFF -0.01

SPEED CLB 340.M84
 SCHD CRZ C10
 DSC M84.320

SELCAL BKPQ
 WIND M021
 ISA P09
 ROUTE DXBCGN001

NO TANKERING RECOMMENDED
 LOSS FOR EXTRA FUEL US\$/1000 LBS. \$49.00

	FUEL	TIME	DIST	NAM	PLANNED	STRUCTURAL
BURN OFF	149.1	06.19	2861	2998	ETOW 0770.3	MTOW 0875.0
ALTN/EDDF	010.7	00.28	0142	0135	ELDW 0621.2	MLDW 0652.0
RESERVE	013.4	00.38			EZFW 0582.0	MZFW 0610.0
HOLDING	009.2	00.30			EPLD 0230.0	
CONTINGENCY	.....	.....		
ADDITIONAL	004.7	00.15				

TAKEOFF FUEL 187.1 08.10

TAXI 002.7
 EXTRA 001.3
 TOTAL FUEL 191.1

ALTERNATE DATA EDDK - EDDF
 EDDF N50 02.0 E008 34.2
 FL 150 CRZ C10 WIND P013
 EDDK.COL9B.COL.T911.ROLIS.
 ROLIS1E.EDDF

PLANNED RUNWAYS
 DXB/30L CGN/32R FRA/07L

ALTITUDE PROFILE
 OMDB/320/VATIM/340/TEVDA/360/ADLET/340/DEMAB/120

Per 49 USC 831.6 --
 Confidential Commercial
 Information

BRIEFING PACKAGE



03-sep-2010 16:15:41 UTC

OMDB.RANBI.N571.BALUS.UL768.OTILA.UR219.MODAD.B544.ALE.UB402.NISAP.
 UM861.BUK.UL602.BUDOP.UL850.LALIN.UL604.DEMAB.T842.RUNER.T858.
 KOPAG.KOPAG1C.EDDK CLEARANCE:

TC	VIA	TO		ZT	ETA	FL	BURN	PFREM	TEMP	MACH	IAS
MC	DIST	IDENT	COORDS.	ACTM	ATA	TRP		AFREM	WIND	TAS	GS
MH	DREM	FREQ									
		OMDB	N25 15.2					001910			
		ARP	E055 21.9					.....		
		OFF						.....		
277	RANBI2	RANBI									
275	0036	RANBI	N25 19.1	00.08	....	CL	0086	001797	P19	840	340
278	2825		E054 45.0	00.08	....	..	.....	.....	35009	...	269
...	N571										
...	0004	-OMAE	N25 19.1	00.01	....	..	0005	001792	...	...	...
...	2821		E054 40.8	00.09	....	..	.....	.....	.....	.....	.....
269	N571	SENTO									
267	0003	SENTO	N25 19.0	00.00	....	CL	0004	001788	P17	840	340
269	2818		E054 37.9	00.09	....	..	.....	.....	02013	...	409
285	N571	VAVIL									
283	0078	VAVIL	N25 39.1	00.10	....	CL	0076	001713	P18	840	340
283	2740		E053 14.4	00.19	....	..	.....	.....	30007	...	458
307	N571	BALUS									
305	0011	=BALUS	N25 45.9	00.02	....	CL	0008	001704	P17	840	340
304	2729		E053 04.4	00.21	....	..	.....	.....	26013	...	492
...	UL768										
...	0001	-OBBB	N25 46.2	00.00	....	..	0001	001704	...	...	...
...	2728		E053 03.9	00.21	....	..	.....	.....	.....	.....	.....
298	UL768										
296	0003	TOC	N25 47.9	00.00	....	CL	0002	001701	P16	840	340
297	2725		E053 00.3	00.21	....	47	.....	.....	27013	...	475
298	UL768	ELAXI									
298	0026	ELAXI	N26 00.0	00.03	....	32	0014	001688	P16	831	303
295	2699		E052 35.0	00.24	....	45	.....	.....	27012	502	492
298	UL768	IMTAS									
296	0039	IMTAS	N26 18.0	00.05	....	32	0020	001668	P16	831	303
295	2660		E051 57.1	00.29	....	47	.....	.....	27014	502	490
298	UL768	DAXAS									
295	0007	DAXAS	N26 21.4	00.01	....	32	0004	001664	P16	831	303

Per 49 USC 831.6 --
 Confidential Commercial
 Information

BRIEFING PACKAGE



03-sep-2010 16:15:41 UTC

295 2653		E051 50.0 00.30 48	27015 502 488
297 UL768	ASMOR		
295 0033	ASMOR	N26 36.7 00.04 32 0017 001646	P16 831 303
294 2620		E051 17.0 00.34 50	28016 503 488
293 UL768	TOLMO		
291 0047	=TOLMO	N26 55.1 00.06 32 0024 001622	P16 831 303
291 2573		E050 29.5 00.40 51	28016 503 486
291 UL768	RAMSI		
289 0021	=RAMSI	N27 02.8 00.02 32 0012 001611	P16 831 303
289 2552		E050 07.2 00.42 52	29016 502 486
291 UL768	ALVUN		
289 0021	ALVUN	N27 10.5 00.03 32 0011 001600	P16 831 303
289 2531		E049 44.9 00.45 53	30017 502 486
291 UL768	KISAB		
288 0037	=KISAB	N27 23.6 00.05 32 0019 001580	P16 831 303
288 2494		E049 06.1 00.50 53	30017 502 486
... UL768			
... 0077	-OEJD	N27 50.1 00.09 0040 001540	... .. . . .
... 2417		E047 45.5 00.59 .... .. . . . . .	... .. . . .
290 UL768	COPPI		
288 0001	=COPPI	N27 50.6 00.00 32 0001 001540	P15 831 303
288 2416		E047 44.0 00.59 52	30018 502 484
289 UL768	HAFR AL-BATIN		
286 0090	=HFR	N28 19.8 00.11 32 0046 001493	P15 830 303
286 2326	113.1	E046 07.8 01.10 52	29016 502 484
294 UL768	VATIM		
290 0080	=VATIM	N28 51.6 00.10 32 0041 001452	P15 830 303
290 2246		E044 44.7 01.20 53	28015 500 486
305 UL768	RAFHA		
302 0080	=RAF	N29 37.2 00.10 34 0044 001409	P14 834 292
301 2166	116.8	E043 29.9 01.30 53	27014 498 486
302 UL768	ARAR		
299 0145	=AAR	N30 54.5 00.18 34 0072 001336	P14 834 291
298 2021	113.3	E041 08.5 01.48 53	26013 498 488
298 UL768	OVANO		
294 0115	=OVANO	N31 48.0 00.14 34 0057 001279	P14 833 291
292 1906		E039 09.8 02.02 53	24020 498 486
333 UL768	OTILA		
329 0015	=OTILA	N32 01.5 00.02 34 0007 001272	P15 830 290
327 1891		E039 01.9 02.04 53	23023 496 500

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE



03-sep-2010 16:15:41 UTC

295 1181		E030 43.5 03.30 38	26040 488 459
302 UL602	MAKOL		
297 0084	=MAKOL	N42 10.2 00.11 36 0042 000892	P06 837 280
295 1097		E029 08.6 03.41 39	27043 486 449
... UL602			
... 0000	-LBSR	N42 10.3 00.00 0000 000892	... ..
... 1097		E029 08.4 03.41 .... ..	.....
311 UL602	NESAR		
306 0058	NESAR	N42 48.6 00.08 36 0029 000863	P05 837 279
302 1039		E028 08.5 03.49 39	27050 486 449
310 UL602	RUTAR		
305 0007	RUTAR	N42 53.0 00.01 36 0003 000859	P04 837 279
300 1032		E028 01.2 03.50 39	26055 484 443
310 UL602	NUPVU		
306 0037	NUPVU	N43 16.9 00.05 36 0018 000841	P04 837 280
300 0995		E027 22.8 03.55 38	27060 484 441
310 UL602	ELRUR		
306 0011	ELRUR	N43 23.8 00.02 36 0006 000836	P03 837 280
300 0984		E027 11.6 03.57 38	27064 484 435
310 UL602	ATBOG		
305 0015	ATBOG	N43 33.4 00.02 36 0007 000828	P03 837 280
300 0969		E026 55.9 03.59 38	27066 484 433
310 UL602	KOMAN		
305 0040	=KOMAN	N43 59.0 00.05 36 0020 000808	P03 837 280
299 0929		E026 13.0 04.04 38	26070 484 432
310 UL602	DINTU		
306 0039	=DINTU	N44 24.1 00.06 36 0020 000789	P03 837 279
299 0890		E025 31.6 04.10 38	26071 482 435
310 UL602	TUSET		
305 0021	=TUSET	N44 37.6 00.03 36 0010 000778	P03 837 279
298 0869		E025 09.0 04.13 38	26071 482 437
304 UL602	SUROL		
299 0043	=SUROL	N45 01.8 00.06 36 0022 000757	P03 837 279
293 0826		E024 18.6 04.19 38	25072 482 433
304 UL602	NERDI		
299 0031	NERDI	N45 18.8 00.04 36 0015 000741	P02 837 279
292 0795		E023 42.2 04.23 38	25074 482 432
326 UL602	NEPOT		
322 0047	=NEPOT	N45 57.6 00.06 36 0022 000720	P02 835 279
313 0748		E023 05.3 04.29 37	25076 482 453

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE



03-sep-2010 16:15:41 UTC

304	UL602	EVRIK																		
299	0042	EVRIK	N46	21.1	00.06	....	36	0021	000699	P02	836	279								
292	0706		E022	14.5	04.35	....	37	.....	.....	25075	482	432								
303	UL602	BUDOP																		
299	0037	=BUDOP	N46	41.2	00.05	....	36	0018	000681	P02	836	279								
293	0669		E021	29.8	04.40	....	36	.....	.....	25068	482	433								
291	UL850	DODAR																		
287	0087	=DODAR	N47	12.9	00.12	....	36	0042	000638	P02	836	279								
284	0582		E019	31.7	04.52	....	36	.....	.....	26056	482	433								
290	UL850	GYOR																		
286	0078	=GYR	N47	39.5	00.11	....	36	0037	000601	P01	835	279								
284	0504	115.1	E017	43.5	05.03	....	35	.....	.....	27043	480	439								
293	UL850	BEGLA																		
289	0026	=BEGLA	N47	49.8	00.03	....	36	0013	000589	P01	834	279								
288	0478		E017	06.9	05.06	....	35	.....	.....	28038	480	443								
...	UL850																			
...	0002	-LOVV	N47	50.4	00.00	....	..	0000	000588	...	...	...					
...	0476		E017	05.0	05.06	....	..	.....	.....	.....	.....	.....	
292	UL850	GISPO																		
289	0041	GISPO	N48	05.9	00.06	....	36	0020	000569	P02	834	279								
288	0435		E016	07.8	05.12	....	35	.....	.....	29038	480	443								
291	UL850	ADLET																		
288	0079	ADLET	N48	34.1	00.11	....	36	0036	000532	P02	835	279								
288	0356		E014	18.0	05.23	....	35	.....	.....	30040	482	441								
...	UL850																			
...	0002	-LKAA	N48	35.3	00.00	....	..	0001	000531	...	...	...					
...	0354		E014	14.6	05.23	....	..	.....	.....	.....	.....	.....	
...	UL850																			
...	0010	-LOVV	N48	40.2	00.01	....	..	0004	000528	...	...	...					
...	0344		E014	01.7	05.24	....	..	.....	.....	.....	.....	.....	
300	UL850	DEGAB																		
297	0004	DEGAB	N48	42.3	00.01	....	34	0001	000526	P00	827	289								
297	0340		E013	55.9	05.25	....	35	.....	.....	30041	478	437								
...	UL850																			
...	0006	-EDUU	N48	44.7	00.01	....	..	0003	000524	...	...	...					
...	0334		E013	49.0	05.26	....	..	.....	.....	.....	.....	.....	
298	UL850	PASAU																		
295	0007	PASAU	N48	48.2	00.01	....	34	0003	000520	M01	827	289								
295	0327		E013	39.1	05.27	....	35	.....	.....	30041	478	437								
286	UL850	LALIN																		
283	0017	LALIN	N48	52.8	00.02	....	34	0008	000512	P00	827	289								

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE



03-sep-2010 16:15:41 UTC

285	0310		E013	14.5	05.29	....	35	....	.....	30043	478	437
315	UL604	RUDNO										
312	0039	RUDNO	N49	20.2	00.05	....	34	0019	000494	P00	827	289
311	0271		E012	32.5	05.34	....	34	....	.....	31045	478	433
290	UL604	RODIS										
287	0024	RODIS	N49	28.5	00.04	....	34	0011	000482	P01	827	289
289	0247		E011	57.0	05.38	....	35	....	.....	31049	480	433
289	UL604	MOOCE										
287	0017	MOOCE	N49	34.0	00.02	....	34	0008	000474	P02	827	289
290	0230		E011	32.8	05.40	....	35	....	.....	31053	480	432
314	UL604	EKSOS										
312	0007	EKSOS	N49	39.3	00.01	....	34	0004	000471	P02	828	289
312	0223		E011	24.5	05.41	....	35	....	.....	31055	482	426
314	UL604	ANELA										
312	0010	ANELA	N49	46.1	00.02	....	34	0005	000466	P02	828	289
312	0213		E011	13.5	05.43	....	35	....	.....	31056	482	426
314	UL604	BAMAS										
312	0010	BAMAS	N49	52.8	00.01	....	34	0004	000461	P02	828	289
312	0203		E011	02.8	05.44	....	35	....	.....	31057	482	424
314	UL604	SULUS										
312	0017	SULUS	N50	04.5	00.02	....	34	0009	000453	P02	828	289
312	0186		E010	43.7	05.46	....	35	....	.....	32059	482	424
314	UL604	DIMSU										
312	0008	DIMSU	N50	10.0	00.02	....	34	0004	000449	P03	828	289
312	0178		E010	34.7	05.48	....	35	....	.....	32061	482	422
314	UL604	GORKO										
312	0005	GORKO	N50	13.5	00.00	....	34	0002	000446	P03	828	289
312	0173		E010	29.0	05.48	....	35	....	.....	32062	482	420
313	UL604	ALIBU										
312	0013	ALIBU	N50	22.6	00.02	....	34	0007	000440	P03	828	289
312	0160		E010	13.8	05.50	....	35	....	.....	32063	482	420
313	UL604	DEMAB										
311	0015	DEMAB	N50	32.5	00.02	....	34	0007	000433	P03	828	289
312	0145		E009	57.4	05.52	....	35	....	.....	32065	482	418
...	T842											
...	0000	-EDGG	N50	32.8	00.00	....	..	0000	000433	...	...	...
...	0145		E009	57.1	05.52	....	..	....	.....	.....	.....	.....
338	T842	GEVTA										
337	0027	GEVTA	N50	57.5	00.04	....	24	0002	000430	P00	840	320
334	0118		E009	41.5	05.56	....	34	....	.....	31045	...	438

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



```

281 T842 LAMOP
280 0008 LAMOP      N50 59.2 00.01 .... 21 0001 000429 P02 840 320
282 0110          E009 28.0 05.57 .... 34 ..... 31035 ... 417

281 T842 EBANA
279 0020 EBANA      N51 02.9 00.03 .... 15 0002 000427 P03 840 320
281 0090          E008 57.6 06.00 .... 35 ..... 30029 ... 388

300 T842 SODNA
298 0008 SODNA      N51 06.7 00.01 .... 12 0001 000426 P05 840 320
299 0082          E008 46.9 06.01 .... 35 ..... 30024 ... 361

300 T842 PELUN
298 0011 PELUN      N51 12.1 00.02 .... 12 0006 000420 P03 590 316
299 0071          E008 31.6 06.03 .... 35 ..... 31019 375 356

311 T842 RUNER
309 0007 RUNER      N51 16.6 00.01 .... 12 0004 000416 P03 590 316
309 0064          E008 23.3 06.04 .... 35 ..... 31020 375 356

240 T858 TOD
239 0008 TOD       N51 12.2 00.02 .... 12 0005 000411 P03 585 313
242 0056          E008 11.3 06.06 .... 36 ..... 31020 373 367

240 T858 GETNI
239 0010 GETNI      N51 07.1 00.02 .... DC 0002 000409 P03 840 320
242 0046          E007 57.3 06.08 .... .. ..... 31018 ... 331

240 T858 KOPAG
238 0007 KOPAG      N51 03.9 00.01 .... DC 0001 000408 P02 840 320
241 0039          E007 48.6 06.09 .... .. ..... 32016 ... 296

245 KOPAG1 COLOGNE/BONN
244 0039 EDDK      N50 52.0 00.10 .... DC 0016 000392 P00 840 320
244 0000 ARPT      E007 08.6 06.19 .... .. ..... 33005 ... 234

```

```

EDDK      N50 52.0          FUEL IN
ARP       E007 08.6          .....

```

```

=====
BURN ADJ PER 1000LB WT INCR-ADD BURN 0242LB / DECR-LESS BURN 0230LB
ONE FL BELOW          INCR BURN 0092LB / TIME 06.19
=====

```

WAYPOINT SUMMARY

CRS / DIST

DEPARTURE 30L RANBI2D

```

SID      OMDB      N25 15.2  E055 21.9
SID      ASPAM     N25 19.1  E055 14.9           8
SID      VEDAG     N25 21.6  E055 10.8           5
SID      RANBI     N25 19.1  E054 45.0           23

N571     SENTO     N25 19.0  E054 37.9           267 / 6
N571     VAVIL     N25 39.1  E053 14.4           283 / 78
N571     BALUS     N25 45.9  E053 04.4           305 / 11

```

Per 49 USC 831.6 -- Confidential Commercial Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



UL768	ELAXI	N26	00.0	E052	35.0	296	/	26
UL768	IMTAS	N26	18.0	E051	57.1	296	/	39
UL768	DAXAS	N26	21.4	E051	50.0	295	/	7
UL768	ASMOR	N26	36.7	E051	17.0	295	/	33
UL768	TOLMO	N26	55.1	E050	29.5	291	/	46
UL768	RAMSI	N27	02.8	E050	07.2	289	/	21
UL768	ALVUN	N27	10.5	E049	44.9	289	/	21
UL768	KISAB	N27	23.6	E049	06.1	288	/	37
UL768	COPPI	N27	50.6	E047	44.0	288	/	78
UL768	HFR	N28	19.8	E046	07.8	286	/	90
UL768	VATIM	N28	51.6	E044	44.7	290	/	80
UL768	RAF	N29	37.2	E043	29.9	302	/	80
UL768	AAR	N30	54.5	E041	08.5	299	/	145
UL768	OVANO	N31	48.0	E039	09.8	294	/	115
UL768	OTILA	N32	01.5	E039	01.9	329	/	15
UR219	MODAD	N32	35.7	E038	41.6	329	/	38
B544	TAN	N33	28.9	E038	39.2	354	/	53
B544	TUDMU	N34	31.0	E038	07.6	333	/	68
B544	ALE	N36	10.8	E037	12.6	331	/	110
UB402	NISAP	N36	47.1	E036	38.5	318	/	46
UM861	MILBA	N36	57.1	E036	28.8	318	/	13
UM861	TEVDA	N38	22.4	E035	04.0	317	/	109
UM861	BELSU	N39	07.9	E034	17.2	316	/	58
UM861	BUK	N40	14.5	E033	06.3	316	/	86
UL602	DEREL	N40	42.8	E032	11.6	299	/	50
UL602	AKCAK	N41	25.7	E030	43.5	298	/	79
UL602	MAKOL	N42	10.2	E029	08.6	297	/	84
UL602	NESAR	N42	48.6	E028	08.5	306	/	59
UL602	RUTAR	N42	53.0	E028	01.2	305	/	7
UL602	NUPVU	N43	16.9	E027	22.8	306	/	37
UL602	ELRUR	N43	23.8	E027	11.6	306	/	11
UL602	ATBOG	N43	33.4	E026	55.9	305	/	15
UL602	KOMAN	N43	59.0	E026	13.0	305	/	40
UL602	DINTU	N44	24.1	E025	31.6	306	/	39
UL602	TUSET	N44	37.6	E025	09.0	305	/	21
UL602	SUROL	N45	01.8	E024	18.6	299	/	43
UL602	NERDI	N45	18.8	E023	42.2	299	/	31
UL602	NEPOT	N45	57.6	E023	05.3	322	/	47
UL602	EVRIK	N46	21.1	E022	14.5	299	/	42
UL602	BUDOP	N46	41.2	E021	29.8	299	/	37
UL850	DODAR	N47	12.9	E019	31.7	287	/	87
UL850	GYR	N47	39.5	E017	43.5	286	/	78
UL850	BEGLA	N47	49.8	E017	06.9	289	/	27
UL850	GISPO	N48	05.9	E016	07.8	289	/	43
UL850	ADLET	N48	34.1	E014	18.0	288	/	78
UL850	DEGAB	N48	42.3	E013	55.9	297	/	17
UL850	PASAU	N48	48.2	E013	39.1	295	/	13
UL850	LALIN	N48	52.8	E013	14.5	283	/	17
UL604	RUDNO	N49	20.2	E012	32.5	312	/	39
UL604	RODIS	N49	28.5	E011	57.0	287	/	25
UL604	MOOCE	N49	34.0	E011	32.8	287	/	17
UL604	EKSOS	N49	39.3	E011	24.5	312	/	8
UL604	ANELA	N49	46.1	E011	13.5	312	/	10
UL604	BAMAS	N49	52.8	E011	02.8	312	/	10

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



UL604	SULUS	N50	04.5	E010	43.7	312 / 17
UL604	DIMSU	N50	10.0	E010	34.7	312 / 8
UL604	GORKO	N50	13.5	E010	29.0	312 / 5
UL604	ALIBU	N50	22.6	E010	13.8	312 / 13
UL604	DEMAB	N50	32.5	E009	57.4	311 / 14
T842	GEVTA	N50	57.5	E009	41.5	337 / 27
T842	LAMOP	N50	59.2	E009	28.0	280 / 9
T842	EBANA	N51	02.9	E008	57.6	279 / 20
T842	SODNA	N51	06.7	E008	46.9	298 / 8
T842	PELUN	N51	12.1	E008	31.6	298 / 11
T842	RUNER	N51	16.6	E008	23.3	309 / 7
T858	GETNI	N51	07.1	E007	57.3	239 / 10
T858	KOPAG	N51	03.9	E007	48.6	6
STAR	COL	N50	47.0	E007	35.7	19
STAR	EDDK	N50	52.0	E007	08.6	20

ARRIVAL 32R KOPAG1C

=====

WIND SUMMARY

CLIMB	T.O.C	ELAXI	IMTAS
100 013/003 P16	N2547.9	N2600.0	N2618.0
150 053/010 P02	E05300.3	E05235.0	E05157.1
200 016/008 -09	390 246/005 -50	390 257/006 -50	390 255/009 -50
310 264/013 -30	350 262/008 -40	350 266/010 -40	350 265/012 -40
350 262/008 -40	280 272/012 -23	280 272/015 -23	280 276/016 -23
DAXAS	ASMOR	TOLMO	RAMSI
N2621.4	N2636.7	N2655.1	N2702.8
E05150.0	E05117.0	E05029.5	E05007.2
390 254/009 -50	390 253/011 -50	390 254/013 -50	390 254/014 -50
350 264/013 -40	350 265/015 -40	350 277/017 -40	350 281/018 -40
280 278/016 -23	280 289/014 -23	280 304/013 -23	280 311/012 -23
ALVUN	KISAB	COPPI	HFR
N2710.5	N2723.6	N2750.6	N2819.8
E04944.9	E04906.1	E04744.0	E04607.8
390 256/014 -50	390 261/014 -50	390 270/015 -50	390 269/017 -50
350 283/019 -40	350 286/021 -40	350 287/020 -40	350 280/019 -40
280 317/012 -24	280 323/012 -24	280 324/011 -24	280 305/010 -24
VATIM	RAF	AAR	OVANO
N2851.6	N2937.2	N3054.5	N3148.0
E04444.7	E04329.9	E04108.5	E03909.8
390 258/019 -50	430 251/015 -58	430 224/011 -58	430 216/012 -57
350 267/017 -41	390 245/014 -50	390 219/009 -50	390 220/012 -49
280 281/011 -25	310 266/015 -31	310 246/016 -31	310 231/021 -31
OTILA	MODAD	TAN	TUDMU
N3201.5	N3235.7	N3328.9	N3431.0
E03901.9	E03841.6	E03839.2	E03807.6
430 216/012 -57	430 217/013 -57	430 214/015 -57	430 216/019 -57
390 221/013 -49	390 223/015 -49	390 222/017 -49	390 222/022 -49

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



310 230/021 -31	310 228/021 -31	310 227/022 -31	310 224/026 -32
ALE	NISAP	MILBA	TEVDA
N3610.8	N3647.1	N3657.1	N3822.4
E03712.6	E03638.5	E03628.8	E03504.0
430 218/030 -56	430 220/038 -56	430 220/040 -56	430 220/058 -55
390 224/034 -48	390 224/043 -48	390 224/045 -48	390 223/063 -48
310 223/037 -32	310 224/040 -32	310 224/040 -33	310 230/043 -35
BELSU	BUK	DEREL	AKCAK
N3907.9	N4014.5	N4042.8	N4125.7
E03417.2	E03306.3	E03211.6	E03043.5
430 222/062 -54	430 224/063 -53	430 228/059 -54	430 235/054 -54
390 225/067 -48	390 229/061 -49	390 237/053 -51	390 249/049 -54
310 235/042 -36	310 251/033 -38	310 276/031 -39	310 291/038 -39
MAKOL	NESAR	RUTAR	NUPVU
N4210.2	N4248.6	N4253.0	N4316.9
E02908.6	E02808.5	E02801.2	E02722.8
430 240/055 -55	430 241/055 -55	430 241/055 -55	430 243/055 -55
390 252/049 -57	390 252/053 -57	390 253/054 -57	390 253/059 -56
310 278/044 -40	310 267/050 -40	310 266/050 -41	310 262/055 -41
ELRUR	ATBOG	KOMAN	DINTU
N4323.8	N4333.4	N4359.0	N4424.1
E02711.6	E02655.9	E02613.0	E02531.6
430 244/055 -55	430 244/055 -55	430 245/056 -54	430 245/055 -54
390 254/060 -56	390 254/062 -56	390 255/064 -56	390 254/064 -56
310 261/056 -41	310 260/058 -41	310 256/062 -42	310 254/062 -42
TUSET	SUROL	NERDI	NEPOT
N4437.6	N4501.8	N4518.8	N4557.6
E02509.0	E02418.6	E02342.2	E02305.3
430 245/055 -54	430 246/053 -53	430 247/052 -53	430 248/050 -52
390 253/064 -56	390 252/065 -56	390 252/065 -55	390 253/062 -54
310 254/063 -42	310 253/064 -43	310 253/065 -44	310 254/066 -45
EVRIK	BUDOP	DODAR	GYR
N4621.1	N4641.2	N4712.9	N4739.5
E02214.5	E02129.8	E01931.7	E01743.5
430 250/047 -51	430 253/044 -51	430 263/036 -50	430 279/032 -50
390 254/057 -53	390 256/052 -52	390 264/041 -51	390 280/035 -51
310 256/062 -45	310 261/052 -46	310 276/038 -47	310 283/037 -48
BEGLA	GISPO	ADLET	DEGAB
N4749.8	N4805.9	N4834.1	N4842.3
E01706.9	E01607.8	E01418.0	E01355.9
430 285/031 -50	430 294/031 -50	430 309/036 -50	430 311/038 -50
390 286/035 -51	390 295/036 -51	390 311/041 -51	390 314/044 -50
310 284/037 -48	310 287/036 -48	310 293/036 -48	310 295/037 -48
PASAU	LALIN	RUDNO	RODIS
N4848.2	N4852.8	N4920.2	N4928.5
E01339.1	E01314.5	E01232.5	E01157.0

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



430 312/038 -50	430 314/041 -51	430 317/043 -50	430 319/046 -50
390 316/045 -50	390 318/048 -50	390 320/052 -50	390 321/057 -50
310 296/037 -48	310 299/038 -48	310 301/041 -47	310 304/043 -47

MOOCE		EKSOS	ANELA	BAMAS
N4934.0		N4939.3	N4946.1	N4952.8
E01132.8		E01124.5	E01113.5	E01102.8
430 320/048 -51	430 320/049 -51	430 321/049 -51	430 321/050 -51	
390 322/059 -50	390 323/060 -50	390 323/061 -50	390 323/063 -50	
310 306/045 -47	310 306/045 -47	310 307/046 -47	310 307/047 -47	

SULUS		DIMSU	GORKO	ALIBU
N5004.5		N5010.0	N5013.5	N5022.6
E01043.7		E01034.7	E01029.0	E01013.8
430 321/052 -51	430 322/052 -51	430 322/052 -51	430 322/053 -51	
390 323/065 -50	390 323/065 -50	390 323/066 -50	390 324/067 -50	
310 308/048 -47	310 309/049 -46	310 310/049 -46	310 311/050 -46	

DEMAB		GEVTA	LAMOP	EBANA
N5032.5		N5057.5	N5059.2	N5102.9
E00957.4		E00941.5	E00928.0	E00857.6
430 322/054 -51	280 311/043 -41	260 312/040 -36	200 308/031 -22	
390 324/068 -50	260 310/039 -36	240 310/036 -31	180 304/028 -17	
310 313/051 -46	220 306/033 -27	200 304/031 -22	140 303/024 -08	

SODNA		PELUN	RUNER	T.O.D
N5106.7		N5112.1	N5116.6	N5112.2
E00846.9		E00831.6	E00823.3	E00811.3
160 305/026 -12	160 308/026 -12	160 311/026 -12	160 312/026 -12	
140 304/024 -08	140 307/024 -08	140 309/024 -08	140 310/024 -08	
100 311/015 -04	100 313/015 -04	100 315/015 -04	100 315/016 -04	

DESCENT
 390 325/078 -50
 350 324/082 -48
 310 323/063 -45
 200 316/032 -22
 100 315/016 -04

=====

ACFT MEL/CDL

D-ITEM (D 429560) LEFT WING LOWER SURFACE AT FUELING STATION AREA HAS ABRASION DAMAGE TO THE PAINT FINISH
()

D-ITEM (D 396243) <<<REPEAT INSP>>> UPR DECK LIFE RAFT PRES CHECK
INSP
()

=====

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



FF OMDBZPZX OMDBZAZX OMDBZTZX OMAEZRXZ OTBDYWYX OBBSZQZX OEDFZPZX
OEDFYFYX OEDFZAZX OEJZDQZX OEJNZPZX OEJZYX OERKZOZX OJACZQZX
OSDIZQZX OSTZQZX EUCHZMFP EUCBZMFP
030936 KSDFUPSM
(FPL-UPS6-IS
-B744/H-SDGHIJPRXWYZ/SD
-OMDB1400
-N0502F320 RANBI N571 BALUS UL768 VATIM/N0498F340 UL768 OTILA UR219
MODAD B544 ALE UB402 NISAP/N0495F340 UM861 TEVDA/N0493F360 UM861
BUK UL602 BUDOP UL850 ADLET/N0478F340 UL850 LALIN UL604
DEMAB/N0375F120 T842 RUNER T858 KOPAG KOPAG1C
-EDDK0619 EDDF
-EET/OMAE0009 OBBS0021 OEJD0059 OJAC0204 OSTT0213 LTAA0241 LTBB0328
LBSR0341 LRBB0404 LHCC0440 LOVV0506 LKAA0523 LOVV0524 EDUU0526
EDGG0552 REG/N571UP SEL/BKPQ OPR/UPS DOF/100903 RVR/75 RMK/ADSB
TCAS AGCS DAT/SHV NAV/RNVD1E2A1 RNAV5 RNP4)

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE



03-sep-2010 16:15:41 UTC

OMDB --> EDDK 5X 6 / 03SEP2010
 LIDO/WEATHER SERVICE DATE : 03Sep2010 TIME : 09:37 UTC

AIRMETs:
 No Wx data available

SIGMETs:
 No Wx data available

Tropical Cyclone SIGMETs:
 No Wx data available

Volcanic Ash SIGMETs:
 No Wx data available

Destination:
 EDDK/CGN COLOGNE/BONN
 SA 030920 VRB02KT 9999 SCT016 BKN270 16/11 Q1021 NOSIG=
 FT 030500 0306/0412 VRB03KT 0400 FG BKN002
 BECMG 0306/0309 9999 SCT020
 PROB30 TEMPO 0401/0407 0500 FG BKN002=

Destination Alternates:
 EDDF/FRA FRANKFURT/MAIN
 SA 030920 02007KT 9999 FEW024 BKN260 17/11 Q1021 NOSIG=
 FT 030500 0306/0412 04005KT CAVOK=
 EDDN/NUE NURNBERG
 SA 030920 04003KT 9999 FEW025 SCT300 16/10 Q1020 NOSIG=
 FT 030500 0306/0406 VRB02KT 9999 SCT040
 PROB30 TEMPO 0306/0307 1200 BCFG=
 EDFH/HHN FRANKFURT/HAHN
 SA 030920 09005KT 040V130 5000 BR SCT004 BKN006 13/11 Q1021=
 FT 030640 0307/0406 07006KT 4000 BR NSC
 TEMPO 0307/0309 2000 BR BKN003
 PROB40 TEMPO 0307/0308 0500 BCFG BKN001
 BECMG 0308/0310 9999=
 EDDL/DUS DUSSELDORF
 SA 030920 36004KT 9999 FEW012 BKN020 15/11 Q1022 NOSIG=
 FT 030500 0306/0412 VRB03KT 3500 BR SCT005 BKN010
 TEMPO 0306/0308 1300 BR BKN004
 BECMG 0308/0311 9999 SCT025
 PROB30 TEMPO 0401/0407 1400 BR BKN005=

Departure:
 OMDE/DXB DUBAI INTL
 SA 030900 28009KT 250V320 CAVOK 42/19 Q1001 NOSIG=
 FT 030449 0306/0412 22007KT 8000 NSC
 BECMG 0307/0309 33012KT
 BECMG 0316/0318 12005KT
 PROB30 0400/0404 2500 BR
 BECMG 0407/0409 34012KT=

AIRPORTLIST ENDE

Per 49 USC 831.6 --
 Confidential Commercial
 Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



=====
D I S P A T C H B R I E F I N G I N F O UPS6 OMDB/EDDK
=====

**Per 49 USC 831.6 --
Confidential Commercial
Information**

BRIEFING PACKAGE



03-sep-2010 16:15:41 UTC

LIDO-NOTAM-BULLETIN INCLUDES NOTAM, COMP NOTAM AND AIP-REGULATION
 VALID: 1009031400 - 1009040003 STD (EOBT)+TRIP+ALTN+3HRS
 UPS 6 /03SEP OFP-NR: 13
 ROUTE: OMDB - EDDK ALTN: EDDF EDDN EDFH EDDL
 N0502F320 RANBI N571 BALUS UL768 VATIM/N0498F340 UL768 OTILA UR219
 MODAD B544 ALE UB402 NISAP/N0495F340 UM861 TEVDA/N0493F360 UM861 BUK
 UL602 BUDOP UL850 ADLET/N0478F340 UL850 LALIN UL604 DEMAB/N0375F120
 T842 RUNER T858 KOPAG KOPAG1C

=====

DEPARTURE AIRPORT - DETAILED INFO

=====

OMDB /DXB DUBAI INTL

+++++ RUNWAY +++++

SX8/09

SX0008/09 AIP SUPPLEMENT
 OMDB/DUBAI INTERNATIONAL
 RWY 30R DECLARED DISTANCES HAVE BEEN AMENDED AS FOLLOWS:
 TORA 4000M
 TODA 4060M
 ASDA 4060M
 LDA 4000M

+++++ AIRPORT +++++

1A509/10

OBST ERECTED AT PSN 251435.00N 0552226.00E RADIUS 400M
 ARP BRG 138 DEG DIST 1500M. HGT 100M.
 CRANES LIGHT H24
 FROM SFC UP TO 500FT

1A448/10
 TWYS M10A AND M10B WILL BE CLSD FOR ALL ACFT VACATING AND ENTERING
 RWY12L/30R AND 12R/30L

1A437/10
 MAX ALT WI OMDB (DUBAI) CTA FOR TFC FM NORTHERN EMIRATES TO OMAA
 (ABU DHABI) IS 8000FT.

1A581/09
 THE FLW OBST HAVE BEEN IDENTIFIED BY SURVEY AS PENETRATING
 A 1.6 PERCENT TKOF CLIMB OUT SFC FOR RWY 12L:
 1)LAMP POST PSN N251442.24 E0552320.25 ELEV 22.815M
 2)LAMP POST PSN N251441.57 E0552321.48 ELEV 22.955M
 3)MAST PSN N251427.92 E0552339.78 ELEV 33.887M
 4)MAST PSN N251427.71 E0552340.13 ELEV 34.059M
 5)LAMP POST PSN N251419.49 E0552413.06 ELEV 51.399M
 6)LAMP POST PSN N251419.17 E0552415.49 ELEV 51.411M
 7)ELECTRIC PYLON PSN N251415.18 E0552420.99 ELEV 53.588M
 8)ELECTRIC PYLON PSN N251410.68 E0552420.89 ELEV 53.707M

LX1/10
 GATEWAY: MDB UPS RAMP SURFACE LAST: DSP/DXB 03SEP10 08:01
 CONDITION REPORT
 SNOW DEPTH: .00 INCHES TREATED: YES NO X PLOWED: YES NO X
 ICE DEPTH: .00 INCHES TREATED: YES NO X
 ANTI-ICE FLUID & MIXTURE:
 OTHER RAMP RESTRICTIONS:

Per 49 USC 831.6 --
 Confidential Commercial
 Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



DRY & CLEAN

=====
DESTINATION AIRPORT - DETAILED INFO
=====

EDDK /CGN COLOGNE/BONN

+++++ RUNWAY +++++
1A2166/10

RUNWAY GUARD LIGHTS IN OPERATION AT CAT1 PSN RWY 14L/32R: TWY A,
A1, A2, A3, A4, A5, A7 AND D.
AT CAT1 PSN RWY 24/06: TWY A AND E.

+++++ APPROACH PROCEDURE +++++
1A2950/10

USE OF SBAS- (EGNOS-) SIGNALS FOR APV BARO-VNAV OPERATIONS (USE OF
LNAV/VNAV MINIMA) PROHIBITED UFN.
REF AD 2 EDDK 4-6-1 THRU 4-6-6 EFF 17 DEC 2009.

1A2959/09

OCA(H) VALUES CHANGED AS FOLLOWS:

SRA RUNWAY 06, A 690 (460), B 690 (460), C 690 (460), D 690 (460),
E 690 (460)

RNAV(GPS) RUNWAY 06, A 690 (460), B 690 (460), C 690 (460), D 690
(460)

NDB RUNWAY 14L, A 830 (600), B 830 (600), C 830 (600), D 830
(600),
E 830 (600)

SRA RUNWAY 14L, A 830 (600), B 830 (600), C 830 (600), D 830 (600)
LOC RUNWAY 14L, A 640 (410), B 640 (410), C 640 (410), D 640
(410),
E 640 (410)

ILS CAT I RUNWAY 14L, A 369 (139), B 378 (148), C 388 (158), D 398
(168), DL 398 (168), E 418 (188)

ILS CAT II RUNWAY 14L, A 280 (50), B 296 (66), C 310 (80), D 323
(93), DL 323 (93), E 349 (119)

RNAV(GPS) RUNWAY 14L, A 760 (530), B 760 (530), C 760 (530), D 760
(530)

SRA RUNWAY 14R, A 750 (530), B 750 (530), C 750 (530), D 750
(530),
E 750 (530)

RNAV(GPS) RUNWAY 14R, A 720 (490), B 720 (490), C 720 (490), D 720
(490)

ILS CAT I RUNWAY 24, A 531 (259), B 541 (269), C 552 (280), D 562
(290), DL 591 (319), E 582 (310)

SRA RUNWAY 24, A 960 (680), B 960 (680), C 960 (680), D 960 (680),
E 960 (680)

LOC RUNWAY 24, A 870 (600), B 870 (600), C 870 (600), D 870 (600),
E 870 (600)

NDB RUNWAY 24, A 870 (600), B 870 (600), C 870 (600), D 870 (600)

RNAV(GPS) RUNWAY 24, A 870 (600), B 870 (600), C 870 (600), D 870
(600)

SRA RUNWAY 32L, A 780 (520), B 780 (520), C 780 (520), D 780
(520),

E 780 (520) RNAV(GPS) RUNWAY 24, A 870 (600), B 870 (600), C 870

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE



03-sep-2010 16:15:41 UTC

(600), D 870
(600)
SRA RUNWAY 32L, A 780 (520), B 780 (520), C 780 (520), D 780
(520),
E 780 (520)
RNAV(GPS) RUNWAY 32L, A 780 (520), B 780 (520), C 780 (520), D 780
(520)
LOC RUNWAY 32R, A 740 (440), B 740 (440), C 740 (440), D 740
(440),
E 740 (440)
NDB RUNWAY 32R, A 780 (470), B 780 (470), C 780 (470), D 780 (470)
SRA RUNWAY 32R, A 780 (470), B 780 (470), C 780 (470), D 780 (470)
ILS CAT I RUNWAY 32R, A 434 (132), B 444 (142), C 456 (154), D 466
(164), DL 466 (164), E 486 (184)
ILS CAT II RUNWAY 32R, A 345 (43), B 362 (60), C 377 (75), D 390
(88), DL 390 (88), E 417 (115)
RNAV(GPS) RUNWAY 32R, A 780 (470), B 780 (470), C 780 (470), D 780
(470).

+++++ AIRPORT +++++
1A3284/10

GERMINGHAUSEN DVOR/DME GMH 115.40 DME PART OUT OF SERVICE.

1A3165/10

TWY M AND TWY M-BLUE CLSD BTN PARKING POSITION C11Z AND D3 DUE TO
WIP. ICAO MARKED.

1A3164/10

TWY M-ORANGE REPOSITIONED BTN PARKING POSITIONS C11Z AND D3 DUE TO
WIP. TAXIING UP TO 60,30M WINGSPAN POSSIBLE. TAXIING BY MARSHALLER
GUIDANCE ONLY, ICAO MARKED.

1A2299/10

TWY C CLSD BTN THR 32L AND TWY A DUE TO WIP. DAY AND NIGHT MARKED.

LX1/10

GATEWAY: DDK UPS RAMP SURFACE LAST: SXW/CGN 03SEP10 08:17
CONDITION REPORT
SNOW DEPTH: .00 INCHES TREATED: YES NO X PLOWED: YES NO X
ICE DEPTH: .00 INCHES TREATED: YES NO X
ANTI-ICE FLUID & MIXTURE:
KILFROST ABC-K PLUS 75/25 MIXTURE
OTHER RAMP RESTRICTIONS:
NONE

+++++ COMPANY NOTAM +++++

CO1663/05

COMPANY NOTAM

SID

ROSBASC CLOSED TO RWY14L PER CREW FEEDBACK AND VERIFICATION WITH
CGN TOWER (RWY32 EXPECTED WITH THIS PROCEDURE).

=====

DESTINATION ALTERNATE AIRPORT(S)

=====

EDDF /FRA FRANKFURT/MAIN

+++++ RUNWAY +++++

1A3233/10

Per 49 USC 831.6 --
Confidential Commercial
Information

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE



03-sep-2010 16:15:41 UTC

DAILY 2030-0400
RWY 07R/25L CLOSED.
1A3205/10 VALID: 1008300400 - 1009031800
DAILY 0400-1800
WIP IN OBSTACLE CLEARANCE ZONE B OF RWY 07R/25L.
1A3012/10
ONE BARRET OF APCH LIGHT SYSTEM LOCATED 630M FROM THR RWY 25L NOT AVAILABLE.
1A2811/10
DUE TO RELOCATION OF ILS RWY 25L AND CRITICAL AREAS EXPECT INTERSECTION TAKE OFF OUT OF TWY M7 RWY 25L TORA 3490M. IF UNABLE ADVISE FRANKFURT CLEARANCE DELIVERY ON INITIAL CONTACT.
+++++ APPROACH PROCEDURE +++++
1A3063/10
OCA(H) VALUES RAISED AS FOLLOWS
VOR-DME RWY 25R: ALL AIRCARFT CATEGORIES 840 (470) FT
NDB-DME RWY 25R: ALL AIRCRAFT CATEGORIES 840 (470) FT
LNAV RWY 25R: ALL AIRCRAFT CATGEORIES 840 (470) FT
DUE TO SEVERAL CRANES AT POSITION 1070-1230M BEHIND THR 25R AND 835-970M N OF RCL.
ELEV 588FT/237FT GND. ICAO MARKED AND LIGHTED.
THIS NOTAM OVERRULES OCA(H) VALUES FOR LNAV RWY 25R STATED IN NOTAM
A3481/09 UFN.
1A2955/10
USE OF SBAS- (EGNOS-) SIGNALS FOR APV BARO-VNAV OPERATIONS (USE OF LNAV/VNAV MINIMA) PROHIBITED UFN.
REF AD 2 EDDF 4-6-1 THRU 4-6-4 EFF 17 DEC 2009.
1A2478/10
OCA (H) VALUES RAISED AS FOLLOWS:
LNAV/VNAV RWY07L: A 690(360), B 760(430), C 760(430), D 760(430)
DUE TO 2 CRANES ERECTED. POSITION BTN 1200M IN FRONT OF THRO7L AND 560M BEHIND THRO7L AND BTN 750M AND 1150M NW OF RCL. MAX ELEV 506FT/181FT AGL. ICAO MARKED AND LIGHTED.
OCA VALUES IN NOTAM A3481/09 OVERRULED DURING THIS TIME.
1A972/10
LO FRANKFURT FR 297 KHZ, COVERAGE REDUCED 13NM SECTOR 060-210 DEG, 14NM SECTOR 210-280 DEG, 16NM SECTOR 280-060 DEG.
1A275/10
ILS 25L LIMITED USE IN NORTHERN SECTOR BELOW 5000FT. ONLY USABLE UP TO 23 DEG.

EDDN /NUE NURNBERG

+++++ RUNWAY +++++
1B306/09
ADD CLIMB GRADIENT TO MISSED APCH PROC RWY 10: CLIMB WITH 3.5 PERCENT (213FT PER NM) UNTIL PASSING 5000 DUE TO AIRSPACE STRUCTURE.
REF AIP AD 2 EDDN 4-2-2, 4-3-2 AND 4-6-2 EFF 9 APR 2009
+++++ APPROACH PROCEDURE +++++
1B991/10
USE OF SBAS- (EGNOS-) SIGNALS FOR APV BARO-VNAV OPERATIONS (USE OF LNAV/VNAV MINIMA) PROHIBITED UFN.

Per 49 USC 831.6 -- Confidential Commercial Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



REF AD 2 EDDN 4-6-1/2 EFF 14 JAN 2010.

1B927/10

OCA(H) VALUES CHANGED AS FOLLOWS:

LOC RWY 28:

A 1450 (410), B 1450 (410), C 1450 (410), D 1450 (410) FT.

DUE TO NEW OBSTACLE SURVEY. AIP AD 2 EDDN 4-2-1 AFFECTED.

1B1472/09

LNAV/VNAV RWY 28 SUSPENDED DUE TO PENETRATION OF VISUAL SEGMENT SURFACE (VSS). AIRAC AMDT 13 PAGE AD 2 EDDN 4-6-1 EFF 14 JAN 2010 REFERS.

+++++ AIRPORT +++++
1B809/10

ROETHENBACH NDB RTB 415 NOT USESEABLE OVER 18NM FROM 000 DEG TO 140 DEG CLOCKWISE. NOT USEABLE OVER 23,5NM FROM 140 DEG TO 360 DEG CLOCKWISE. TRACK 089 DEG (RODIS3M) NOT USABLE OVER 11NM, TRACK 220 DEG (AKANU6K) NOT USABLE

EDFH /HHN FRANKFURT/HAHN

+++++ APPROACH PROCEDURE +++++
1C1954/10

NEW CRITICAL AREAS FOR ILS RWY 21 AT EDFH HAVE BEEN SET IN FORCE. DUE TO POSSIBLE SHORT TIME ILS INTERFERENCE CAUSED BY PRECEDING LDG ACFT. THE FLW PROCEDURE WILL APPLY DURING ILS OPS TO SUCCEEDING APPROACHING ACFT ON THE ILS OR PLANNED FOR THE ILS APCH. CAT I
A) WHEN IT IS EXPECTED BY ATC THAT THE PRECEDING LANDING ACFT WILL TAXI THROUGH THE CRITICAL AREA OF THE ILS LOCALIZER, THE FLW INFO WILL BE ISSUED TO THE OTHER APPROACHING ACFT ON TWR OR APP FREQ: 'EXPECT SHORT-TIME ILS INTERFERENCE'
B) THE TAXI PROCESS SHALL BE EXECUTED WITHOUT DLA.
ADDN PROVISIONS FOR ALL WEATHER OPERATIONS CAT II AND CAT III: C) THE CRITICAL AREA OF THE ILS LOCALIZER SHALL BE VACATED AT THE LATEST WHEN SUCCEEDING APPROACHING ACFT IS ON FINAL AT 4NM FROM TOUCHDOWN. OTHERWISE A MISSED APPROACH PROCEDURE WILL BE INSTRUCTED BY ATC.

1C1948/10

NEW CRITICAL AREAS FOR ILS RWY 03 AT EDFH HAVE BEEN SET IN FORCE. DUE TO POSSIBLE SHORT TIME ILS INTERFERENCE CAUSED BY PRECEDING LDG ACFT. THE FLW PROCEDURE WILL APPLY DURING ILS OPS TO SUCCEEDING APPROACHING ACFT ON THE ILS OR PLANNED FOR THE ILS APCH. CAT I
A) WHEN IT IS EXPECTED BY ATC THAT THE PRECEDING LANDING ACFT WILL TAXI THROUGH THE CRITICAL AREA OF THE ILS LOCALIZER, THE FLW INFO WILL BE ISSUED TO THE OTHER APPROACHING ACFT ON TWR OR APP FREQ: 'EXPECT SHORT-TIME ILS INTERFERENCE'
B) THE TAXI PROCESS SHALL BE EXECUTED WOITHOUT DLA.

EDDL /DUS DUSSELDORF

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



 ++++++ RUNWAY ++++++
 1A1136/10
 OCA(H) VALUES CHANGED AS FOLLOWS:
 ILS CAT I RUNWAY 05L, A 254 (138), B 264 (148), C 331 (215),
 D 341 (225), DL 341 (225)
 LOC RUNWAY 05L, A 500 (380), B 500 (380), C 500 (380), D 500
 (380)
 LNAV RUNWAY 05L, A 600 (490), B 600 (490), C 600 (490), D 600
 (490)
 VNAV RUNWAY 05L, A 480 (360), B 480 (360), C 480 (360), D 480
 (360)
 NDB RUNWAY 05L, A 680 (560), B 680 (560), C 680 (560), D 680
 (560)
 SRA RUNWAY 05L, A 680 (560), B 680 (560), C 680 (560), D 680
 (560)
 ILS CAT I RUNWAY 23R, A 322 (198), B 331 (207), C 354 (230),
 D 364 (240), DL 367 (243)
 ILS CAT II RUNWAY 23R, A 170 (46), B 186 (62), C 199 (75),
 D 212 (88), DL 212 (88)
 LOC RUNWAY 23R, A 510 (390), B 510 (390), C 510 (390), D 510
 (390)
 LNAV RUNWAY 23R, A 640 (510), B 640 (510), C 640 (510), D 640
 (510)
 VNAV RUNWAY 23R, A 620 (500), B 620 (500), C 620 (500), D 620
 (500)
 VOR RUNWAY 23R, A 700 (570), B 700 (570), C 700 (570), D 700
 (570)
 SRA RUNWAY 23R, A 680 (560), B 680 (560), C 680 (560), D 680
 (560)
 ILS CAT I RUNWAY 05R, A 260 (139), B 270 (149), C 280 (159),
 D 290 (169), DL 290 (169)
 ILS CAT II RUNWAY 05R, A 171 (50), B 188 (67), C 201 (80),
 D 214 (93), DL 214 (93)
 LOC RUNWAY 05R, A 500 (380), B 570 (450), C 570 (450), D 570
 (450)
 LNAV RUNWAY 05R, A 680 (560), B 680 (560), C 680 (560), D 680
 (560)
 VNAV RUNWAY 05R, A 540 (420), B 540 (420), C 540 (420), D 540
 (420)
 NDB RUNWAY 05R, A 650 (530), B 680 (560), C 680 (560), D 680
 (560)
 SRA RUNWAY 05R, A 680 (560), B 680 (560), C 680 (560), D 680
 (560)
 ILS CAT I RUNWAY 23L, A 285 (147), B 295 (157), C 305 (167),
 D 314 (176), DL 317 (179)
 ILS CAT II RUNWAY 23L, A 187 (49), B 203 (65), C 216 (78),
 D 229 (91), DL 233 (95)
 LOC RUNWAY 23L, A 520 (380), B 520 (380), C 520 (380), D 520
 (380)
 LNAV RUNWAY 23L, A 610 (470), B 680 (540), C 680 (540), D 680
 (540)
 VNAV RUNWAY 23L, A 600 (460), B 600 (460), C 600 (460), D 600
 (460)

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



VOR RUNWAY 23L, A 700 (560), B 700 (560), C 700 (560), D 700 (560)
 SRA RUNWAY 23L, A 680 (540), B 680 (540), C 680 (540), D 680 (540)
 DUE TO NEW OBSTACLE SURVEY.
 REF AIP AD 2 EDDL 4-2-1, 4-2-2, 4-2-3, 4-2-4, 4-3-1, 4-3-2, 4-4-1, 4-4-2, 4-6-1, 4-6-2, 4-6-3, 4-6-4.

1A1135/10
 NEW STEPDOWN FIX ESTABLISHED FOR THE FLW PROCEDURES:
 LOC RWY 05L 2.5 DME DUS VOR/DME, 970 FT
 NDB RWY 05L, 2.5 DME DUS VOR/DME, 970 FT
 LOC RWY 05R, 2.5 DME DUS VOR/DME, 970 FT
 REF AIP AD2 EDDL 4-2-3, 4-2-4 AND 4-4-1.

1A3247/06
 USE OF RWY 05L/23R IS RESTRICTED TO MAX. 56 HOURS PER WEEK (7 DAYS PERIOD, MON TIL SUN, 0500-2100 UTC).
 AIRPORT COMPANY HAS TO PROMULGATE A WEEKLY SCHEDULE OF OPERATING HOURS IN ADVANCE TO PERMITTING MINISTRY AND DFS (AIR TRAFFIC CONTROL).
 OUTSIDE THESE PUBLISHED HOURS NORTHERN RWY 05L/23R IS TO BE USED AS ALTN RWY ONLY.

+++++ APPROACH PROCEDURE +++++
 1A3067/10 VALID: 1008250600 - 1009031400
 AUG 25 0600-1300, 30 31 0600-1400, SEP 01 02 03 0600-1400
 DUS VOR ON MAINTENANCE, DO NOT USE.
 ALL SID RWY 05R AMEND ON R054 DUS TO READ ON RWY TRACK.
 SONEB2Z, MEVEL6Z, MODRU5Z AND NETEX 2Z ADDN REMARK WHEN PASSING 2300
 BRNAV EQUIPMENT NECESSARY.
 REF AD 2 EDDL 5-7-9, 5-7-10, DATE 11 MAR 2010, 5-7-11, 5-7-12, EFF 11 MAR 2010.
 ALL SID RWY 05L AMEND ON R054 DUS TO READ ON TRACK 056 DEG.
 SONEB2J, MEVEL5J, MODRU5J AND NETEX2J ADDN REMARK WHEN PASSING 2300
 BRNAV EQUIPMENT NECESSARY.
 REF AD 2 EDDL 5-7-13, 5-7-14, DATE 11 MAR 2010, 5-7-15, 5-7-16, EFF 11 MAR 2010.

1A3066/10 VALID: 1008250600 - 1009031400
 AUG 25 0600-1300, 30 31 0600-1400, SEP 01 02 03 0600-1400
 DUS VOR ON MAINTENANCE, DO NOT USE.
 VOR APPROACH RWY 23L/R SUSPENDED.
 REF AD 2 EDDL 4-3-1 AND 4-3-2, EFF 17 DEC 2009

1A2956/10
 ILS LOCALIZER RWY 23L LIMITED USE ONLY: 17NM 30 DEG IN SOUTHERN SECTOR UP TO 35 DEG IN NORTHERN SECTOR , AT OR ABOVE 3000FT QNH.

1A2951/10
 USE OF SBAS- (EGNOS-) SIGNALS FOR APV BARO-VNAV OPERATIONS (USE OF LNAV/VNAV MINIMA) PROHIBITED UFN.
 REF AD 2 EDDL 4-6-1 THRU 4-6-4 EFF 17 DEC 2009.

1A4637/09
 LO DY USEABLE BTN 320 DEGREES AND 130 DEGREES UP TO 13NM AND BTN 130 DEGREES AND 320 DEGREES UP TO 15NM.

Per 49 USC 831.6 -- Confidential Commercial Information

BRIEFING PACKAGE



03-sep-2010 16:15:41 UTC

=====
EXTENDED AREA AROUND DEPARTURE
=====

OIIX TEHRAN FIR

SX3/10

SX0003/10 AIP SUPPLEMENT

- 1.DUE TO RESTRICTION IN OEJD FIR ON A791 FL280 NOT AVAILABLE .
2.DUE TO LEVEL RESTRICTION IN OEJD FIR ON UL768 FL280 NOT AVAILABLE.
3.NIL
4.ALL TRAFFIC DEPARTING OEDF/OEDR/OBBI/OBBS FOR DESTINATIONS WI OMAE FIR MAX FL250.
5.ALL TRAFFIC DEPARTING OBBI/OBBS FOR DESTINATIONS OTBD/OTBH MAX A130.
6- ALL TRAFFIC DEPARTING OEDF/OEDR FOR DESTINATIONS OTBD/OTBH MAX FL170.
7.ALL TRAFFIC DEPARTING OTBD/OTBH FOR DESTINATIONS OBBI/OBBS MAX A120.
8.ALL TRAFFIC DEPARTING OTBD/OTBH FOR DESTINATIONS OEDF/OEDR MAX FL160
9.ALL TRAFFIC DEPARTING OKAC FIR FOR DESTINATIONS OBBI/OBBS/OEDR/OEDR MAX FL270.
10.ALL TFC FOR DESTINATIONS OEDF OR OEDR ENTERING OBBS FIR VIA AKRAM-B418, PUSLA-A145 OR TAGSO-UN318 CAN EXPECT TO BE AT OR BELOW FL250 BY 80NM WEST OF KFA. DESCENT SUBJECT TO ATC CLEARANCE AND PILOTS ARE REQUESTED TO ADJUST THEIR DESCENT PROFILES ACCORDINGLY.
11.ALL TFC FOR DESTINATIONS OBBI OR OBBS ENTERING OBBS FIR VIA AKRAM-B418, PUSLA-A145 OR TAGSO-UN318 CAN EXPECT TO BE AT OR BELOW FL250 BY 120NM WEST OF BAH. DESCENT SUBJECT TO ATC CLEARANCE AND PILOTS ARE REQUESTED TO ADJUST THEIR DESCENT PROFILES ACCORDINGLY.
12.ALL TRAFFIC VIA M600/A453 FOR DESTINATIONS OBBI/OBBS/OEDF/OEDR CAN EXPECT TO BE AT FL160 OR BELOW BY TOBLI.
13.ALL TRAFFIC VIA UP975/UN318 FOR DESTINATIONS OTBD/OTBH CAN EXPECT TO BE AT FL250 OR BELOW BY SESNA.
14.ALL TRAFFIC DEPARTING OBBI/OBBS FOR DESTINATION WITHIN THE OKAC FIR TO EXPECT MAX FL280.
15.ALL TFC DEPARTING OTBD/OTBH FOR DESTINATIONS WITHIN OKAC FIR TO EXPECT MAX FL280.
16.ALL TFC DEPARTING OKAC FIR FOR DESTINATIONS OTBD/OTBH TO EXPECT MAX FL330.
17.ALL TFC DEPARTING OBBI/OBBS/OEDR/OEDF FOR DESTINATIONS OERK/OERY TO EXPECT MAX FL280.
18.ALL TFC DEPARTING OTBD/OTBH FOR DESTINATIONS OERK/OERY TO EXPECT MAX FL300.
19.ALL TRAFFIC FROM OIIX FIR VIA MIDSJ FOR DESTINATIONS OBBI/OBBS/OEDR/OEDR/OTBD/OTBH, CAN EXPECT TO BE AT FL180 OR BELOW BY 20 NM BEFORE MIDSJ SUBJECT TO CLEARANCE FROM TEHRAN ATC.
20.ALL TRAFFIC FROM OIIX FIR VIA ALSER FOR DESTINATIONS OBBI/OBBS/OEDR/OEDR CAN EXPECT TO BE AT FL240 OR BELOW BY 20 NM BEFORE ALSER SUBJECT TO CLEARANCE FROM TEHRAN ATC.

Per 49 USC 831.6 --
Confidential Commercial
Information



IRAQ CRISIS

SX3/03

SPECIAL NOTICE..

ADVISORY FOR THE MIDDLE EAST AND THE EASTERN MEDITERRANEAN. THIS NOTICE IS EFFECTIVE IMMEDIATELY UNTIL FURTHER NOTICE.

A. U.S. AND ALLIED MILITARY UNITS (COALITION MILITARY FORCES) MAY OPERATE THROUGHOUT THE MIDDLE EAST AND THE AIRSPACE ABOVE THE EASTERN MEDITERRANEAN SEA, RED SEA, GULF OF ADEN, ARABIAN SEA, GULF OF OMAN, AND THE ARABIAN GULF. THE TIMELY AND ACCURATE IDENTIFICATION OF CIVIL AIRCRAFT IN THESE AREAS IS CRITICAL TO AVOID THE INADVERTENT USE OF FORCE AGAINST CIVIL AIRCRAFT. COALITION MILITARY FORCES ARE PREPARED TO EXERCISE SELF-DEFENSE MEASURES, AS MAY BE NECESSARY, TO ENSURE THEIR SAFETY IN THE EVENT THEY ARE APPROACHED BY UNIDENTIFIED AIRCRAFT (FIXED-WING, OR HELICOPTER).

B. IN ADDITION, THE TERRITORIAL AIRSPACE OF IRAQ IS CLOSED TO ALL NON-COALITION AIRCRAFT, EXCEPT CENTRAL COMMAND AUTHORIZED MEDICAL, FIREFIGHTING, RESCUE/RECOVERY AND HUMANITARIAN FLIGHTS, UNTIL FURTHER NOTICE. AIRCRAFT ENTERING THIS AIRSPACE DO SO AT THEIR OWN RISK. COALITION FORCES ARE PREPARED TO RESPOND DECISIVELY TO ANY HOSTILE ACTS OR INDICATIONS OF HOSTILE INTENT. THIS NOTICE IS ALSO PROVIDED TO ENSURE THE SAFETY OF COALITION FORCES AND THEIR FACILITIES. ALL AIRCRAFT OR FLIGHT ACTIVITIES THAT ARE DETERMINED TO BE THREATS TO COALITION FORCES MAY BE SUBJECT TO INTERCEPTION, QUARANTINE, DISABLING OR DESTRUCTION. THIS INCLUDES AIRCRAFT WITHIN IRAQI TERRITORIAL AIRSPACE AND GROUND-BASED ASSETS AND ACTIVITIES THROUGHOUT IRAQ WITHOUT REGARD TO REGISTRY.

C. THE TIMELY AND ACCURATE IDENTIFICATION OF CIVIL AIRCRAFT OPERATING WITHIN THESE AFFECTED AREAS IS ESSENTIAL TO PRECLUDE THE INADVERTENT USE OF MILITARY FORCE AGAINST CIVIL AIRCRAFT.

1. TO BETTER ENABLE U.S. MILITARY FORCES TO IDENTIFY CIVIL AIRCRAFT, ALL CIVIL AIRCRAFT FLYING WITHIN OR ENTERING THE AFFECTED AREA SHALL CONTINUOUSLY MONITOR ONE OR BOTH INTERNATIONAL EMERGENCY FREQUENCIES (VHF 121.5 MHZ AND/OR UHF 243.0 MHZ UHF)

2. WHEN AN AIRCRAFT CARRIES A SERVICEABLE TRANSPONDER, THE PILOT SHALL OPERATE THE TRANSPONDER AT ALL TIMES DURING THE FLIGHT, REGARDLESS OF WHETHER THE AIRCRAFT IS WITHIN OR OUTSIDE AIRSPACE WHERE SSR IS USED FOR ATS PURPOSES. ALL CREWS ARE REMINDED TO CONTINUOUSLY OPERATE THE SSR TRANSPONDER IN ACCORDANCE WITH THE ICAO PROVISIONS (PANS-ATM-CHAPTER 8, PANS-OPS, VOL 1, PART VII AND ICAO DOC 7030 CHAPTER 8).

3. WHEN AN AIRCRAFT CARRIES SERVICEABLE WEATHER RADAR, THE PILOT SHALL OPERATE IT AT ALL TIMES DURING THE FLIGHT WITHIN THE AFFECTED AREA, REGARDLESS OF WEATHER CONDITIONS.

4. THE PILOT SHOULD ENSURE CONTINUOUS DISPLAY OF AIRCRAFT EXTERIOR AND CABIN LIGHTING AND ILLUMINATION OF LOGO LIGHT, IF POSSIBLE.

E. UNIDENTIFIED AIRCRAFT AND/OR THOSE WHOSE INTENTIONS ARE UNCLEAR TO U.S. AND COALITION MILITARY FORCES WILL BE CONTACTED USING THE ENGLISH LANGUAGE ON VHF 121.5 MHZ AND/OR UHF 243.0 MHZ AND REQUESTED TO IDENTIFY THEMSELVES AND TO STATE THEIR INTENTIONS.

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



SUCH CONTACTS MAY ORIGINATE FROM MILITARY SURFACE AND/OR AIRBORNE UNITS. U.S. RADIO COMMUNICATIONS WILL USE STANDARD PHRASEOLOGY AND WILL SPECIFY THE AIRCRAFTS FLIGHT INFORMATION, AS AVAILABLE, TO INCLUDE: HEADING, FLIGHT LEVEL OR ALTITUDE, SSR CODE SQUAWK, GEOGRAPHICAL COORDINATES, AND GROUND SPEED, CIVIL AIRCRAFT RECEIVING ADVISORY CALLS SHALL ACKNOWLEDGE THE MESSAGE ON THE FREQUENCY ON WHICH THE MESSAGE WAS RECEIVED AND PROVIDE THE INFORMATION REQUESTED.

THE ABOVE RECEIVED FM USA
SPECIAL NOTICE..

F. IN THE EVENT AN AIRCRAFT REMAINS UNIDENTIFIED AND/OR IS DEEMED TO POSE A THREAT TO U.S. MILITARY FORCES, AN EMERGENCY SITUATION EXISTS. IN THIS CIRCUMSTANCE, THE PILOTS MUST BE PREPARED TO EXERCISE THEIR EMERGENCY AUTHORITY TO DEVIATE FROM THE ATC CLEARANCE AS REQUIRED: COMPLY WITH RECOMMENDED HEADING AND/OR ALTITUDE CHANGES PROVIDED BY U.S. MILITARY FORCES? AND NOTIFY THE APPROPRIATE ATC FACILITY OF THE DEVIATION AND THE NEED FOR AN AMENDED CLEARANCE.

G. CIVIL AIRCRAFT TRANSITING THE AFFECTED AREA OUTSIDE PUBLISHED ATS ROUTES ARE MORE SUSCEPTIBLE TO THE PROCEDURES PUBLISHED HEREIN. ALL AIRCRAFT ARE REQUESTED TO AVOID, AS MUCH AS PRACTICAL, ABRUPT AND UNUSUAL CHANGES OF HEADING AND/OR ALTITUDE WHICH MAY BE CONSTRUED AS INCONSISTENT WITH NORMAL CIVIL AIRCRAFT FLIGHT PATTERNS.

NOTE:

THIS INFORMATION IS PROVIDED TO WARN ALL OPERATORS THAT U.S. AND ALLIED MILITARY FORCES ARE EXERCISING SELF-DEFENSE MEASURES. THE MEASURES WILL BE IMPLEMENTED IN A MANNER THAT DOES NOT UNDULY INTERFERE WITH THE RIGHT OF OVERFLIGHT IN INTERNATIONAL AIRSPACE.
THE ABOVE RECEIVED FM USA

JXB AL MAKTOUM

1A544/10

AL MAKTOUM DVOR JXB FREQ 113.4 MHZ U/S

TARDI TARDI

1A203/10

DUE TO THE HIGH DENSITY TRAFFIC IN THE OOMM FIR AT CERTAIN TIMES, FLOW CONTROL MEASURES HAVE BEEN IMPLEMENTED FOR OOMS AND UAE DEPARTURES AS FOLLOWS:

1) OOMS DEPARTURES:

A) FROM 0645 TO 0730 UTC:

FIVE (5) MINUTES LONGITUDINAL SEPARATION BETWEEN ANY TWO SUCCESSIVE DEPARTURES FROM OOMS ENTERING THE UAE FIR VIA POSITION ITRAX, EXCLUDING TRAFFIC LANDING AT ANY UAE AIRPORT.

B) FROM 2030 TO 2200 UTC:

FIVE (5) MINUTES LONGITUDINAL SEPARATION BETWEEN ANY TWO SUCCESSIVE DEPARTURES FROM OOMS FOR ALL TRAFFIC INTENDING TO ENTER THE MUMBAI FIR VIA POSITIONS RASKI, PARAR, TOTOX, REXOD, LOTAV AND KITAL.

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



2) UAE DEPARTURES:

 A) FROM 0630 TO 0730 AND BETWEEN 1830 TO 2000 UTC:
 FIVE (5) MINUTES LONGITUDINAL SEPARATION BETWEEN ANY TWO
 SUCCESSIVE
 UAE DEPARTURES ENTERING THE OOMM FIR AT POSITION LABRI OR TARDI
 (TARDI AND LABRI SHALL BE CONSIDERED AS A COMMON POINT), EXCLUDING
 TRAFFIC LANDING AT MUSCAT INTERNATIONAL AIRPORT.
 B) FROM 2001 TO 2130 UTC:
 THREE (3) MINUTES LONGITUDINAL SEPARATION BETWEEN ANY TWO
 SUCCESSIVE
 UAE DEPARTURES ENTERING THE OOMM FIR AT POSITION LABRI OR TARDI
 (TARDI AND LABRI SHALL BE CONSIDERED AS A COMMON POINT).
 C) FROM 2131 TO 0000 UTC:
 FIVE (5) MINUTES LONGITUDINAL SEPARATION BETWEEN ANY TWO
 SUCCESSIVE
 UAE DEPARTURES ENTERING THE OOMM FIR AT POSITION TARDI OR LABRI
 (TARDI AND LABRI SHALL BE CONSIDERED AS A COMMON POINT).
 D) FROM 1830 TO 2030 UTC AND BETWEEN 2300 TO 0100:
 THREE (3) MINUTES LONGITUDINAL SEPARATION BETWEEN ANY TWO
 SUCCESSIVE
 UAE
 DEPARTURES ENTERING THE OOMM FIR VIA LALDO OR GOMTA (LALDO
 AND GOMTA
 SHALL BE CONSIDERED AS A COMMON POINT).
 NOTE: -DEPARTURES FROM OOMS LANDING AT ANY UAE AIRPORT AND ALL UAE
 DEPARTURES LANDING OOMS ARE EXEMPTED

ADV ABU DHABI

 1A499/10
 VOR ADV OPR WITH ONE TRANSMITTER ONLY

=====
 AREA ENROUTE DEPARTURE - DESTINATION
 =====

LOPOM LOPOM

 1A477/10
 ATS RTE M600 SEGMENT LOPOM - SINGU NOT AVAILABLE
 ALL TFC WESTBOUND FROM UNITED ARAB EMIRATES FIR TO BAHRAIN FIR VIA
 LOPOM TO EXIT VIA BALUS

BALUS/ELAXI UL768

 1A391/10
 ALL TRAFFIC WITHIN OBBS CLIMBING ON AWY UL768 ARE REMINDED TO BE
 LEVELED BY REP POINT IMTAS OR BEFORE REF AIP ENR 3.2-4 COL 6 DATED
 17
 DEC 09 REFERS.

SX3/10
 SX0003/10 AIP SUPPLEMENT
 1. DUE TO RESTRICTION IN OEJD FIR ON A791 FL280 NOT AVAILABLE

Per 49 USC 831.6 --
 Confidential Commercial
 Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



2. DUE TO LEVEL RESTRICTION IN OEJD FIR ON UL768 FL280 NOT AVAILABLE.
3. NIL
4. ALL TRAFFIC DEPARTING OEDF/OEDR/OBBI/OBBS FOR DESTINATIONS WI OMAE FIR MAX FL250.
5. ALL TRAFFIC DEPARTING OBBI/OBBS FOR DESTINATIONS OTBD/OTBH MAX A130.
6. ALL TRAFFIC DEPARTING OEDF/OEDR FOR DESTINATIONS OTBD/OTBH MAX FL170.
7. ALL TRAFFIC DEPARTING OTBD/OTBH FOR DESTINATIONS OBBI/OBBS MAX A120.
8. ALL TRAFFIC DEPARTING OTBD/OTBH FOR DESTINATIONS OEDF/OEDR MAX FL160
9. ALL TRAFFIC DEPARTING OKAC FIR FOR DESTINATIONS OBBI/OBBS/OEDR/OEDR MAX FL270.
10. ALL TFC FOR DESTINATIONS OEDF OR OEDR ENTERING OBBS FIR VIA AKRAM-B418, PUSLA-A145 OR TAGSO-UN318 CAN EXPECT TO BE AT OR BELOW FL250 BY 80NM WEST OF KFA. DESCENT SUBJECT TO ATC CLEARANCE AND PILOTS ARE REQUESTED TO ADJUST THEIR DESCENT PROFILES ACCORDINGLY.
11. ALL TFC FOR DESTINATIONS OBBI OR OBBS ENTERING OBBS FIR VIA AKRAM-B418, PUSLA-A145 OR TAGSO-UN318 CAN EXPECT TO BE AT OR BELOW FL250 BY 120NM WEST OF BAH. DESCENT SUBJECT TO ATC CLEARANCE AND PILOTS ARE REQUESTED TO ADJUST THEIR DESCENT PROFILES ACCORDINGLY.
12. ALL TRAFFIC VIA M600/A453 FOR DESTINATIONS OBBI/OBBS/OEDF/OEDR CAN EXPECT TO BE AT FL160 OR BELOW BY TOBLI.
13. ALL TRAFFIC VIA UP975/UN318 FOR DESTINATIONS OTBD/OTBH CAN EXPECT TO BE AT FL250 OR BELOW BY SESNA.
14. ALL TRAFFIC DEPARTING OBBI/OBBS FOR DESTINATION WITHIN THE OKAC FIR TO EXPECT MAX FL280.
15. ALL TFC DEPARTING OTBD/OTBH FOR DESTINATIONS WITHIN OKAC FIR TO EXPECT MAX FL280.
16. ALL TFC DEPARTING OKAC FIR FOR DESTINATIONS OTBD/OTBH TO EXPECT MAX FL330.
17. ALL TFC DEPARTING OBBI/OBBS/OEDR/OEDF FOR DESTINATIONS OERK/OERY TO EXPECT MAX FL280.
18. ALL TFC DEPARTING OTBD/OTBH FOR DESTINATIONS OERK/OERY TO EXPECT MAX FL300.
19. ALL TRAFFIC FROM OIIX FIR VIA MIDSJ FOR DESTINATIONS OBBI/OBBS/OEDR/OEDR/OTBD/OTBH, CAN EXPECT TO BE AT FL180 OR BELOW BY 20 NM BEFORE MIDSJ SUBJECT TO CLEARANCE FROM TEHRAN ATC.
20. ALL TRAFFIC FROM OIIX FIR VIA ALSER FOR DESTINATIONS OBBI/OBBS/OEDR/OEDR CAN EXPECT TO BE AT FL240 OR BELOW BY 20 NM BEFORE ALSER SUBJECT TO CLEARANCE FROM TEHRAN ATC.

ORBB BAGHDAD FIR

1A1781/10

ALL AIRSPACE ABOVE FL150 WITHIN THE KIRKUK SECTOR AS DEFINED IN THE IRAQ AIP (PAGE ENR 2.1-3), NOW UNDER THE CONTROL OF BAGHDAD AREA CONTROL CENTER. ALL AIRCRAFT TRANSITING THE KIRKUK SECTOR FL150 TO FL230, CONTACT BAGHDAD CENTER ON VHF127.7 MHZ. ALL AIRSPACE WITHIN THE LATERAL LIMITS OF THE ENTIRE KIRKUK SECTOR AS DEFINED IN

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



THE IRAQ AIP WITH VERITICAL LIMITS FL150 UP TO BUT NOT INCLUDING FL240 IS NOW CLASS E (ECHO) AIRSPACE. REFER TO IRAQ AIP AND ICAO ANNEXES FOR APPROPRIATE CLASS E AIRSPACE AIR TRAFFIC SERVICE REQUIREMENTS

BUK CUBUK

1A2061/10
VOR BUK 114.3 MHZ OUT OF SERVICE.
SX14/05
SX0014/05 AIP SUPPLEMENT
BUK DME CH90X IS UNUSABLE AFTER 25NM AND UNDER 12000FT BTN
310R-040R AND 110R-160

D306

1A418/10
DANGER AREA LB-D 306 CHANGED AS FLW:
NEW COORDINATES 430347N0280125E-425959N0281655E-425459N0281655E-
-425017N0280125E-430347N0280125E.
NEW VERTICAL LIMITS
SFC/10000M(32900FT)AMSL.
F)SFC G)32900FT AMSL

EDMM MUNICH FIR

1A3139/10
SBAS (EGNOS) SIGNALS MAY BE AVBL ON SEVERAL GNSS RECEIVERS IN GERMAN AIRSPACE. HOWEVER THE USE OF SBAS (EGNOS) SIGNALS IN GERMAN AIRSPACE IS PROHIBITED UFN.

GMH GERMINGHAUSEN

1C2720/10
GERMINGHAUSEN DVOR/DME GMH 115.40 DME PART OUT OF SERVICE.

=====
EXTENDED AREA AROUND DESTINATION
=====

EHAA AMSTERDAM FIR

1A874/10
MAASTRICHT UAC FLEVO SECTOR FREQ CHG FM 135.980MHZ TO 120.915MHZ.
REF AIP ENR 6-2.4.

1B510/10
MOBILE RIG LIST NORTH SEA:
SEAFOX-1 53.03.8N 003.32.3E
N. HANS DEUL + 53.15.2N 003.45.8E
GSF MONARCH 53.29.0N 005.52.1E
N. LYNDA BOSSLER + IJMUIDEN
SEAFOX-2 53.44.5N 003.37.1E
N. AL WHITE 53.45.2N 003.54.9E
N. RONALD HOOPE 53.49.1N 004.30.8E

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE



03-sep-2010 16:15:41 UTC

N. PIET VAN EDE 53.56.9N 003.39.8E
N. G. SAUVAGEAU 54.07.3N 003.55.8E
MOVED OR NEW RIGS ARE MARKED WITH A +

DUS DUESSELDORF

1A3069/10 VALID: 1008250600 - 1009031400
AUG 25 0600-1300, 30 31 0600-1400, SEP 01 02 03 0600-1400
DUS VOR ON MAINTENANCE, DO NOT USE.
AMEND DUS VOR TO READ DUS INTERSECTION. POSITION REMAINS
UNCHANGED.
POSITION DUS VOR DEFINED BY R260 BAM / 111DEG FROM LMA.
REF AD 2 EDDL 3-1-2 AND 3-1-4, EFF 11 MAR 2010.

1C2633/10
DUS VOR R225 UNRELIABLE DO NOT USE.
ROMIN 8M, SONEB 2A AND ABODU 1A AMEND RT, ON R225 DUS TO 13.0 DME
DUS TO READ RT, ON TRACK 225 DEG TO 13.0 DME DUS AND ADD REMARK
AFTER 13.0 DME DUS BRNAV EQUIPMENT NECESSARY. REF AD 2 EDLN 5-7-1,
5-7-3 AND 5-7-4, EFF 11 MAR 2010.

1C2499/10 VALID: 1008250600 - 1009031400
AUG 25 0600-1300, 30 31 0600-1400, SEP 01 02 03 0600-1400
DUS VOR ON MAINTENANCE, DO NOT USE.
ROMIN8M, SONEB2A AND ABODU1A AMEND RT, ON R225 DUS TO 13.0 DME DUS
TO
READ RT, ON TRACK 225 DEG TO 13.0 DME DUS AND ADD REMARK AFTER
13.0 DME DUS BRNAV EQUIPMENT NECESSARY.
MODRU7M AMEND RT, ON R220 DUS TO 17.0 DME DUS TO READ RT, ON TRACK
220 DEG TO 17.0 DME DUS.
NOR7Z AMEND RT, ON R220 DUS TO 15.4 DME DUS TO READ RT, ON TRACK
220
DEG TO 15.4 DME DUS.
REF AD 2 EDLN 5-7-1, 5-7-3 AND 5-7-4, EFF 11 MAR 2010.

SPI SPRIMONT

1A1573/10 VALID: 1008300500 - 1009031600
DAILY 0500-1600
SPRIMONT DVOR/DME SPI 113.100MHZ CH78X U/S DUE TO MAINTENANCE

=====
AREA ENROUTE DESTINATION - DESTINATION ALTERNATE(S)
=====

PEKIG PEKIG

1A2313/10
ADD NEW WAYPOINT PEKIG WITH FOLLOWING COORDINATES: N495837
E0090308. REF AIP ENR 4.4-13, EFF 06 MAY 2010.

KNG KOENIG

1A2539/10
KONIG NDB KNG 355:
BTN 090 DEG AND 120 DEG LIMITED RANGE OF 18NM ONLY.

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



=====
EXTENDED AREA AROUND DESTINATION ALTERNATE AIRPORT(S)
=====

TSA 200 A

SX99/10

SX0099/10 AIP SUPPLEMENT RESTRICTION

IN ORDER TO PROVIDE FOR COMBAT MISSION TRAINING, IN-FLIGHT
REFUELING AND OTHER DEFENSE-SPECIFIC ACTIVITIES, CREATION OF A
PLAN COMPOSED OF FOUR HIGH-ALTITUDE TEMPORARY SEGREGATED AREAS AND
ONE MEDIUM-ALTITUDE RESTRICTED AREA, FOR THE PURPOSES OF A TEST,
IN THE AREA OF SAINT-DIZIER, AS WELL AS TWO MEDIUM-ALTITUDE
RESTRICTED AREAS IN THE AREA OF COLMAR.

LIMITS OF THE CONCERNED AIRSPACES

TSA 200 TEMPORARY SEGREGATED AREAS:

TSA 200 A FL195 / UNL

TSA 200 W FL195 / UNL

TSA 200 E FL195 / UNL

TSA 200 C FL195 / UNL

STATUS

H24 ACTIVABLE TEMPORARY SEGREGATED AREAS. ACTIVATION TIME SLOTS
SCHEDULED IN AUP FRANCE.

ENTRY CONDITIONS FOR IFR GAT FLIGHTS:

COMPULSORY AVOIDANCE.

SAINT-DIZIER LF-R 321 RESTRICTED AREA FL 115 / FL 195

EXCLUDING LF-R 175 A AND LF-R 6 B, C AND D RESTRICTED AREAS WHEN
ACTIVE.

STATUS:

TEMPORARY RESTRICTED AREA.

ENTRY CONDITIONS FOR IFR GAT FLIGHTS:

UPON AUTHORIZATION FROM RIESLING RADAR 119.700 MHZ.

COLMAR NORD LF-R 322 RESTRICTED AREA FL 155 / FL 195

STATUS:

H24 ACTIVABLE TEMPORARY RESTRICTED AREA. ACTIVATION TIME SLOTS
SCHEDULED IN AUP FRANCE.

ENTRY CONDITIONS:

IFR GAT

UPON NOTIFICATION AT FL 160

UPON AUTHORIZATION ABOVE FL 160.

COLMAR SUD LF-R 323 RESTRICTED AREA FL 145 / FL 195

STATUS:

H24 ACTIVABLE TEMPORARY RESTRICTED AREA. ACTIVATION TIME SLOTS
SCHEDULED IN AUP FRANCE.

ENTRY CONDITIONS:

IFR GAT

WITH AUTHORIZATION.

DATES AND TIMES OF ACTIVITY (UTC)

FROM 05 AUGUST, 2010, 0000 TO A DATE ANNOUNCED BY NOTAM: H24

ACTIVABLE AREAS.

ADDITIONAL PROVISIONS

SECTIONS A AND B OF THE LF-TSA 20 TEMPORARY SEGREGATED AREA

PUBLISHED ON PAGE ENR 5.2-2 OF AIP, LF-R 21 RESTRICTED AREA

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



PUBLISHED ON PAGE ENR 5.1-2 OF AIP AS WELL AS TEMPORARILY INACTIVE
COLMAR TMA PUBLISHED ON PAGE ENR 5.0 OF AIP ARE DELETED.

SX27/10

SX0027/10 AIP SUPPLEMENT RESTRICTION

LOCATION : REIMS FIR (LFEE) - PARIS FIR (LFFF)

VALIDITY : FROM 08 APRIL 2010 TO A DATE ANNOUNCED BY NOTAM

SUBJECT : TEST OF A COMBAT MISSION TRAINING AREA PLAN IN COLMAR
AND SAINT DIZIER AREAS

DESCRIPTION:

IN ORDER TO PROVIDE FOR COMBAT MISSION TRAINING, IN-FLIGHT
REFUELING AND OTHER DEFENSE-SPECIFIC ACTIVITIES, CREATION OF A
PLAN COMPOSED OF FOUR HIGH-ALTITUDE TEMPORARY SEGREGATED AREAS AND
ONE MEDIUM-ALTITUDE RESTRICTED AREA, FOR THE PURPOSES OF A TEST,
IN THE AREA OF SAINT-DIZIER, AS WELL AS TWO MEDIUM-ALTITUDE
RESTRICTED AREAS IN THE AREA OF COLMAR.

LIMITS OF THE CONCERNED AIRSPACES:

1. TSA 200 TEMPORARY SEGREGATED AREAS: LATERAL LIMITS:

TSA 200 A:

492706N, 0055423E 492647N, 0060446E
491838N, 0061500E 484126N, 0061330E
482944N, 0055632E 482322N, 0051009E
484834N, 0041717E 490144N, 0041717E
492552N, 0054840E 492706N, 0055423E.

TSA 200 W:

492552N, 0054840E 484820N, 0055727E
482944N, 0055632E 482646N, 0051042E
484834N, 0041717E 490144N, 0041717E
492552N, 0054840E.

TSA 200 E:

492706N, 0055423E 492647N, 0060446E
491838N, 0061500E 484126N, 0061330E
482944N, 0055632E 482832N, 0053658E
485141N, 0043515E 490629N, 0043515E
492552N, 0054840E 492706N, 0055423E.

TSA 200 C:

492052N, 0054950E 484820N, 0055727E
484047N, 0055705E 483752N, 0051205E
485141N, 0043515E 490108N, 0043515E
492052N, 0054950E.

VERTICAL LIMITS: FL195 / UNL

STATUS: H24 ACTIVABLE TEMPORARY SEGREGATED AREAS. ACTIVATION TIME
SLOTS SCHEDULED IN AUP FRANCE.

ENTRY CONDITIONS FOR IFR/VFR GAT FLIGHTS: COMPULSORY AVOIDANCE.

2. SAINT-DIZIER LF-R 321 RESTRICTED AREA:

LATERAL LIMITS:

492706N, 0055423E 492647N, 0060446E
491838N, 0061500E 484126N, 0061330E
482944N, 0055632E 482322N, 0051009E
483423N, 0043142E 484351N, 0041850E
484834N, 0041717E 490144N, 0041717E
492552N, 0054840E 492706N, 0055423E.

EXCLUDING LF-R 175 A AND LF-R 6 B, C AND D RESTRICTED AREAS WHEN
ACTIVE.

Per 49 USC 831.6 --
Confidential Commercial
Information

Current Weather Data

Report For:

DXB

IATA	Report Type	Date	Message
DXB	METAR	031600	24004KT 8000 NSC 36/27 Q1000 NOSIG
DXB	METAR	031500	32006KT 290V030 8000 NSC 35/28 Q0999 NOSIG
DXB	METAR	031400	30010KT 8080 NSC 36/26 Q0999 NOSIG
DXB	METAR	031300	31011KT 290V350 8000 NSC 37/27 Q0999 NOSIG
DXB	18/24-hour Forecast	031106	0312/0418 32012KT 8000 NSC BECMG 0316/0318 12005KT PROB30 0400/0404 2500 BR BECMG 0407/0409 34012KT BECMG 0416/0418 12005KT

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



VERTICAL LIMITS: FL 115 / FL 195.
STATUS: TEMPORARY RESTRICTED AREA.
ENTRY CONDITIONS FOR IFR/VFR GAT FLIGHTS: UPON AUTHORIZATION FROM
RIESLING RADAR 119.700 MHZ.

R321 AREA IS INACTIVE DURING THE FORTEL EXERCISE.

3. COLMAR NORD LF-R 322 RESTRICTED AREA:

LATERAL LIMITS:

485738N, 0065200E 483300N, 0070628E
483057N, 0074641E 483022N, 0074758E
FRANCE-GERMANY BORDER 481943N, 0074441E
482114N, 0074124E 482232N, 0071531E
480118N, 0065026E 480155N, 0064804E
485651N, 0065028E 485738N, 0065200E.

VERTICAL LIMITS: FL 155 / FL 195.

STATUS: H24 ACTIVABLE TEMPORARY RESTRICTED AREA. ACTIVATION TIME
SLOTS SCHEDULED IN AUP FRANCE.

ENTRY CONDITIONS IFR GAT: UPON NOTIFICATION AT FL 160. UPON
AUTHORIZATION ABOVE FL 160.

4. COLMAR SUD LF-R 323 RESTRICTED AREA:

LATERAL LIMITS:

482232N, 0071531E 482114N, 0074124E
481943N, 0074441E FRANCE-GERMANY BORDER
474951N, 0073320E 480118N, 0065026E
482232N, 0071531E.

EXCEPT FOR THE LF-R127 B TEMPORARY RESTRICTED AREA WHEN ACTIVE.

VERTICAL LIMITS: FL 145 / FL 195.

STATUS: H24 ACTIVABLE TEMPORARY RESTRICTED AREA. ACTIVATION TIME
SLOTS SCHEDULED IN AUP FRANCE.

ENTRY CONDITIONS IFR GAT: COMPULSORY AVOIDANCE, EXCEPT FOR
AIRCRAFT OUTBOUND FROM BLM TO GTQ AFTER OBTAINING A TRANSIT
AUTHORIZATION.

DATES AND TIMES OF ACTIVITY (UTC):

FROM 08 APRIL 2010, 0000 TO A DATE ANNOUNCED BY NOTAM: H24
ACTIVABLE AREAS.

ADDITIONAL PROVISIONS:

SECTIONS A AND B OF LF-TSA 20, LF-R 21 AS WELL AS TEMPORARILY
INACTIVE COLMAR TMA ARE DELETED.

TWN TWENTHE

SX2/09

EH/S/X/0002/09
EHTW/ENS/ ENSCHEDE TWENTHE
AD REMAINS CLOSED UFN
TWENTHE NDB TWN IS DEACTIVATED.

MOD MUENSTER/OSNABRUECK

1C1891/10

MUENSTER/OSNABRUECK DME MOD 114.05/CH87Y UNUSEABLE BTN 265 AND 310
DEG.

RKN REKKEN

Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



1A1141/10
VOR/DME RKN 116.80MHZ, DME PART U/S

=====
CREW ALERT
=====

CO16/09 COMPANY NOTAM
ELECTRONIC FLIGHT BAG DEACTIVATED ON THIS AIRCRAFT.

=====
CREW BULLETIN
=====

AIRCRAFT BULLETIN
*****MAX OPERATING TEMP FOR TAKEOFF*****
IN SOME CASES, THE MAX TEMP PUBLISHED ON THE UPPER RIGHT CORNER
OF THE 747-400 AIRPORT ANALYSIS (AA) TAKEOFF PAGE IS INCORRECT.
UNTIL FURTHER NOTICE, THIS PUBLISHED VALUE SHOULD BE DISREGARDED.
INSTEAD, MAXIMUM OPERATING TEMPERATURE (FOR TAKEOFF) CAN BE
OBTAINED FROM EITHER THE AOM (CHAP. 1, P. 11, ENVIRONMENTAL
ENVELOPE) OR THE HIGHEST TEMPERATURE PUBLISHED IN THE OAT COLUMN
OF A NON-CURTAILED AA TAKEOFF PAGE.
DOUG MENISH, B747-400 CHIEF PILOT

=====
COMMUNICATIONS BULLETIN
***** N571UP SAT-COMM PHONE NUMBER 51651760 *****
IF ATC ASKS FOR THE AIRCRAFT SAT-COMM PHONE NUMBER, THE EXPECTED
REPLY "ICAO OCTAL TECHNICAL NUMBER" IS AS FOLLOWS:
N571UP SAT-COMM# 51651760
PER CHIEF PILOT OFC
FPS/CMC

=====
COMMUNICATIONS BULLETIN
EDDK/CGN SATCOM INFORMATION -
DUE TO A PHONE NUMBER CHANGE AT CGN OPS, YOU WILL NEED TO
MANUALLY DIAL CGN OPS WHEN USING SATCOM.
CALL 00-49-22-414-912-700 WHEN CONTACTING CGN OPS.
MARK HAGAN/GNSL - AL COMM/CMC

=====
Per 49 USC 831.6 --
Confidential Commercial
Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



CREW BULLETIN

OPF AND DI LOG COMPARISON REQUIREMENTS (REF FOM MRB 10-10):
 THE CAPTAIN'S RESPONSIBILITY TO COMPARE THE ASSIGNED AIRCRAFT'S
 DEFERRED ITEMS (DI) LOG TO THE OPF DURING PREFLIGHT PLANNING
 REQUIRES THE COMPARISON OF ONLY PERFORMANCE LIMITING ITEMS
 BETWEEN THE TWO DOCUMENTS.
 PERFORMANCE LIMITING ITEMS ARE DESIGNATED IN THE DI LOG AND THE
 OPF BY THE FOLLOWING LETTER PREFIXES: (M) MEL, (C) CDL, (G)
 ETOPS, (O) RVSM, (X) CAT I, II, III, THEN FOLLOWED BY A TEXT
 DESCRIPTION. THESE ITEMS MUST BE COMPARED BETWEEN THE DI LOG AND
 THE OPF. IF THERE IS A DISCREPANCY BETWEEN THESE ITEMS, CONTACT
 FLIGHT CONTROL.
 NON-PERFORMANCE LIMITING ITEMS (D, I, AND Y ITEMS) DO NOT HAVE TO
 BE COMPARED. THE DI LOG WILL HAVE THE MOST CURRENT LISTING OF
 THESE ITEMS. I ITEMS ARE INFORMATION ONLY (FOR MAINTENANCE) AND
 ONLY APPEAR ON THE DI LOG. THE FLIGHT CREW SHOULD REVIEW THESE
 ITEMS BUT DO NOT REPORT DISCREPANCIES TO FLIGHT CONTROL.
 FLIGHT STANDARDS ACP/TIMUR HOUSUM
 FPS/RP

CREW BULLETIN

PLEASE ENSURE THE LOG PAGE NUMBER YOU SELECT IN ACARS IS CORRECT.
 CAPTAIN FRANK N. HEMKO
 LOUISVILLE CHIEF PILOT / MEL MANAGER

SHIP LIBRARY BULLETIN

B747-400
 UPS SHIP'S LIBRARY CHECKLIST
 MANUAL AND CURRENT REVISION (QUANTITY ON BOARD)

FOM	39	(2)
IOM	05	(2)
OPS SPEC	24	(2)
MEL	8	(1)
SYSTEMS	1	(1)
QRH	8	(2)
FRM	69	(1)
ERG (HAZMAT)	2009-2010	(1)
CHARTER KIT	17*	(N/A UNLESS OPERATING AS CHARTER)
BRICK	2010-04	(1)
TUPS40	NORTH AMERICA	
TUPS41	GATEWAY SUPPLEMENT	(2 BOOKS)
TUPS43	EUROPE/MIDDLE EAST	
TUPS44	ASIA/PACIFIC	

* DENOTES THE DOCUMENT IS CURRENTLY IN
 DISTRIBUTION TO AIRCRAFT. THE PREVIOUS REVISION
 IS CONSIDERED VALID.

Per 49 USC 831.6 --
 Confidential Commercial
 Information

BRIEFING PACKAGE

03-sep-2010 16:15:41 UTC



NOTE SEE FOM FOR MINIMUM MANUALS REQUIRED FOR FLIGHT

===== END OF LIDO-NOTAM-BULLETIN =====

**Per 49 USC 831.6 --
Confidential Commercial
Information**

BRIEFING PACKAGE



03-sep-2010 16:15:41 UTC

--- CREW ---

Duty	Crew Member Name	Qual
Pilot In Command	LAMPE, DOUGLAS	C
Co-pilot	BELL, MATTHEW	C

Per 49 USC 831.6 --
Confidential Commercial
Information

B. Airport Bulletins

Page 1

BULLETIN Airport

03-sep-2010 17:11:49 UTC

User: app1rjp



Airport Code OMDB Airport Yes Runway Yes Approach Procedure Yes SID/STAR Yes
valid between - and -

Airport-NOTAMS

AX3535/09 AIP RESTRICTION

THE NAVIGATION PERFORMANCE SPECIFICATION FOR THE DUBAI CTA WILL BE
CHANGED TO RNAV 1 AS OF THE 19TH NOVEMBER 2009.

OPERATORS ARE ADVISED THAT IN ORDER TO MEET FORECAST CAPACITY
REQUIREMENTS RNAV 1 CERTIFICATION SHALL BE PHASED IN TO BECOME
COMPULSORY FOR NAVIGATION IN THE DUBAI CTA OVER THE NEXT YEAR WITH
EXEMPTIONS BEING GRANTED IN SPECIAL CASES ONLY.

INTERNAL REMARK:

(LIDO) 05-SEP-2009 13:35:58
SOURCE : AIC 03/09
CHAPTER :
PAGE :
RELEASE/DATE:27AUG09

A0581/09 NOTAMR A0373/09

Q)OMAE/QOBXX/IV/BO/A/000/999/2515N05521E005

A)OMDB

B)0909150700 C)PERM

E)THE FLW OBST HAVE BEEN IDENTIFIED BY SURVEY AS PENETRATING

A 1.6 PERCENT TKOF CLIMB OUT SFC FOR RWY 12L:

1) LAMP POST	PSN N251442.24	E0552320.25	ELEV 22.815M
2) LAMP POST	PSN N251441.57	E0552321.48	ELEV 22.955M
3) MAST	PSN N251427.92	E0552339.78	ELEV 33.887M
4) MAST	PSN N251427.71	E0552340.13	ELEV 34.059M
5) LAMP POST	PSN N251419.49	E0552413.06	ELEV 51.399M
6) LAMP POST	PSN N251419.17	E0552415.49	ELEV 51.411M
7) ELECTRIC PYLON	PSN N251415.18	E0552420.99	ELEV 53.588M
8) ELECTRIC PYLON	PSN N251410.68	E0552420.89	ELEV 53.707M

INTERNAL REMARK:

(LIDO) 20-APR-2010 11:01:00
BRF NO CL/LH/YF O/R OZ/G-3 MR
(LIDO) 15-SEP-2009 08:49:26
(LIDO) 15-SEP-2009 08:48:40

OD/N-P VIA E-MAIL:PERF.SERVICES@LHSYSTEMS.COM

Per 49 USC 831.6 --
Confidential Commercial
Information

BULLETIN Airport

03-sep-2010 17:11:49 UTC

User: app1rjp



SX0004/09 AIP SUPPLEMENT

IN ORDER TO REDUCE CONTROLLER WORKLOAD, FREQUENCY CONGESTION AND AWY SATURATION, PILOTS OF INTL. FLIGHTS ARE STRONGLY REQUIRED TO FILE AND OPERATE ACCORDING FOLLOWING ROUTE SCHEME WITHIN TEHRAN FIR, AS APPROPRIATE, UNLESS OTHERWISE CLEARED BY TEHRAN ACC.

EASTBOUND FLIGHTS:

- 1. FROM AIRPORTS WITHIN TEHRAN TMA TO KABUL FIR AND BEYOND
 - DHN - B411 - MSD - G792 - CHARN
 - RADAL - G208/UL125 - ANK - R205 - BJD - G202 - KAMAR
- 2. FROM BAHRAIN FIR TO KARACHI FIR
 - MDSI - A453 - ZDN - G452 - DERBO
 - MDSI - A453 - KHM-M561-ASVIB - PG
 - ALSER-G663-SYZ-G452-DERBO
- 3. FROM BAHRAIN FIR TO UAE FIR
 - KUEVER-B416-IMDAT-B416/R784-ORSAR
- 4. FROM BAKU FIR TO KUWAIT FIR
 - ULDUS-T207-SAV-G667-MIS-W31-MAH-B417-TULAX
- 5. FROM YEREVAN FIR TO KUWAIT FIR
 - AT OR ABOVE FL280:
 - MAGRI - UR654 - ZAJ . R654 - SAV - G667 -MIS -W31-MAH - B417-TULAX.
 - BELOW FL280:
 - MAGRI - G482- TBZ - R661- ZAJ - R654- SAV -G667- MIS -W31-MAH - B417- TULAX
- 6. FROM MUSCAT FIR TO BOUND TO KARACHI FIR
 - IMLOT - A791 - JI
 - DENDA - R462 - JI
- 7. FROM SOUTH OF PERSIAN GULF COUNTRIES TO KABUL FIR
 - DARAX - A419 - BND - A453 - PIRAN - GADER
- 8. FROM UAE FIR DEPARTURE OMD/OMSJ TO AIRPORTS WITHIN TEHRAN TMA
 - DARAX - A419 - TAVNO - W32 - ANK - UL125/G208 - RADAL - VR

INTERNAL REMARK:

(LIDO) 26-AUG-2010 14:00:03
(LIDO) 20-JAN-2010 12:12:53
BRF NO CL/LH/YF O/R OZ/G-3 MR
DISPATCH ONLY
(LIDO) 06-JAN-2010 12:05:05
(LIDO) 20-NOV-2009 17:01:04
10*.TFR DATA INBOX VIA E-MAIL:PROJECT.TFR@LHSYSTEMS.COM,
HEIKE.WEHRMANN@LHSYSTEMS.COM, BA-THU-TRANG.BUI@LHSYSTEMS.COM

A0437/10 NOTAMN

Q) OMAE/QAEXX/IV/NBO/AE/000/080/2515N05522E030
A) OMD/OMDB
B) 1007141000 C) 1010132359 EST
E) MAX ALT WI OMD/OMDB (DUBAI) CTA FOR TFC FM NORTHERN EMIRATES TO OMAA (ABU DHABI) IS 8000FT.

INTERNAL REMARK:

(LIDO) 17-AUG-2010 08:11:56 PERF
BRF NO CL/LH/YF O/R OZ/G-3 MR
(LIDO) 14-JUL-2010 11:06:12

Per 49 USC 831.6 --
Confidential Commercial
Information

BULLETIN Airport

03-sep-2010 17:11:49 UTC

User: app1rjp



A0431/10 NOTAMN
 Q)OMAE/QAETT/IV/BO/AE/000/999/2515N05522E030
 A)OMDB
 B)1008260001 C)1009082359
 E)TRIGGER NOTAM - PERM AIRAC AIP AMDT NR 87 EFF 26 AUG 2010.
 CTA AMENDED TO INCLUDE OMDW.
 ILS CLASSIFICATION AMENDED TO CAT III/E/4

INTERNAL REMARK:
 (LIDO) 15-JUL-2010 15:24:35
 GDN PO OK

A0448/10 NOTAMN
 Q)OMAE/QMXLC/IV/M/A/000/999/2515N05521E005
 A)OMDB
 B)1007201200 C)1101202359
 E)TWYS M10A AND M10B WILL BE CLSD FOR ALL ACFT VACATING AND ENTERING
 RWY12L/30R AND 12R/30L

INTERNAL REMARK:
 (LIDO) 20-JUL-2010 13:20:02

A0509/10 NOTAMR A0333/10
 Q)OMAE/QOBCE/IV/M/A/000/999/2515N05521E005
 A)OMDB
 B)1008250800 C)1011252359 EST
 E)OBST ERECTED AT PSN 251435.00N 0552226.00E RADIUS 400M
 ARP BRG 138 DEG DIST 1500M. HGT 100M.
 CRANES LIGHT H24
 FROM SFC UP TO 500FT

INTERNAL REMARK:
 (LIDO) 25-AUG-2010 09:04:48 PERF
 OUT
 (LIDO) 25-AUG-2010 08:51:48

A0508/10 NOTAMR A0323/10
 Q)OMAE/QMKXX/IV/BO/A/000/999/2515N05521E005
 A)OMDB
 B)1008250800 C)1011252359 EST
 E)HAND AMD UAE AIP CHARTS AND PAGE AS FLW:
 REPLACE THE WORD CLEARANCE(S) WITH APPROVAL(S) IN CHARTS OMDB
 AD 2-22A AND OMDB AD 2-22B NOTE 2.

INTERNAL REMARK:
 (LIDO) 25-AUG-2010 08:52:21

AX3820/10 AIP RESTRICTION

TRAINING FLIGHTS ARE NOT PERMITTED TO TRANSIT THE DUBAI CTA
 BTN 0200-0800 UTC DLY.

INTERNAL REMARK:
 (LIDO) 26-AUG-2010 18:19:33
 (LIDO) 26-AUG-2010 08:16:36
 SOURCE : AIP
 CHAPTER : ENR
 PAGE : 2-4

Per 49 USC 831.6 --
 Confidential Commercial
 Information

BULLETIN Airport

User: app1rjp



RELEASE/DATE: 26AUG10

SX0003/10 AIP SUPPLEMENT

IN ORDER TO REDUCE CONTROLLER WORKLOAD, FREQUENCY CONGESTION AND AWY SATURATION, PILOTS OF INTL FLIGHTS ARE STRONGLY REQUIRED TO FILE AND OPERATE ACCOTDING FOLLOWING ROUTE SCHEME WITHIN TEHERAN FIR, AS APPROPRIATE, UNLESS OTHERWISE CLEARD BY TEHERAN ACC.

EASTBOUND FLIGHTS:

- 1. FROM AIRPORTS WITHIN TEHERAN TMA TO KABUL FIR AND BEYOND
- DHN - B411 - MSD - G792 - CHARN
- RADAL - G208/UL125 - ANK - R205 - BJD - G202 - KAMAR
2. FROM BAHRAIN FIR TO KARACHI FIR
- MDSI - A453 - ZDN - G452 - DERBO
- MDSI - A453 - KHM-M561-ASVIB - PG
- ALSER-G663-SYZ-G452-DERBO
3. FROM BAHRAIN FIR TO UAE FIR
- KUVER-B416-IMDAT-B416/R784-ORSAR
4. FROM BAKU FIR TO KUWAIT FIR
- ULDUS-UP5747-SAV-G667-MIS-W31-MAH-B417-TULAX
5. FROM YEREVAN FIR TO KUWAIT FIR
AT OR ABOVE FL280:
- MAGRI - UR654 - ZAJ - SAV - G667 -MIS -W31-MAH - B417- TULAX.
BELOW FL280:
- MAGRI - G482- TBZ - R661- ZAJ - R654- SAV -G667- MIS -W31-MAH - B417- TULAX
6. FROM MUSCAT FIR TO BOUND TO KARACHI FIR
- IMLOT - A791 - JI
- DENDA - R462 - JI
7. FROM SOUTH OF PERSIAN GULF COUNTRIES TO KABUL FIR
- DARAX - A419 - BND - A453 - PIRAN - GADER
8. FROM UAE FIR DEPARTURE OMD/OMSJ TO AIRPORTS WITHIN TEHERAN TMA
- DARAX - A419 - TAVNO - W32 - ANK - UL125/G208 - RADAL - VR
9. DEPARTURE FROM AIRPORTS WITHIN TEHERAN TMA LAND IN UAE FIR
- SAV - P574/UP574 - SYZ - G666 - ORSAR

INTERNAL REMARK:

(LIDO) 26-AUG-2010 16:22:11
(LIDO) 26-AUG-2010 16:21:44
(LIDO) 26-AUG-2010 15:47:22
10*.TFR DATA INBOX VIA E-MAIL:PROJECT.TFR@LHSYSTEMS.COM,
HEIKE.WEHRMANN@LHSYSTEMS.COM, BA-THU-TRANG.BUI@LHSYSTEMS.COM

GATEWAY: MDB UPS RAMP SURFACE LAST: DSP/DXB 03SEP10 08:01
CONDITION REPORT
SNOW DEPTH: .00 INCHES TREATED: YES NO X PLOWED: YES NO X
ICE DEPTH: .00 INCHES TREATED: YES NO X
ANTI-ICE FLUID & MIXTURE:
OTHER RAMP RESTRICTIONS:
DRY & CLEAN

INTERNAL REMARK:

NOTAMPARSE 03-SEP-2010 08:01:38

Per 49 USC 831.6 --
Confidential Commercial
Information



03-sep-2010 17:11:49 UTC

CO259/09 COMPANY NOTAM
OMDB
SURFACE MOVING MAP IS AVAILABLE FOR THIS AIRPORT.

INTERNAL REMARK:
WM (UPS) 23-SEP-2009 13:30:51
WM (UPS) 28-AUG-2009 14:42:48
WM (UPS) 28-AUG-2009 14:42:34
WM (UPS) 28-AUG-2009 14:42:21
WM (UPS) 28-AUG-2009 14:42:06
WM (UPS) 28-AUG-2009 14:41:47
WM (UPS) 28-AUG-2009 14:41:34
WM (UPS) 28-AUG-2009 14:41:23
WM (UPS) 28-AUG-2009 14:41:14
WM (UPS) 28-AUG-2009 14:41:03
WM (UPS) 28-AUG-2009 14:40:48
WM (UPS) 28-AUG-2009 14:40:29
WM (UPS) 28-AUG-2009 14:40:19
WM (UPS) 28-AUG-2009 14:40:05
WM (UPS) 28-AUG-2009 14:39:56
WM (UPS) 28-AUG-2009 14:39:42
WM (UPS) 28-AUG-2009

Runway-NOTAMs

SX0008/09 AIP SUPPLEMENT

OMDB/DUBAI INTERNATIONAL
RWY 30R DECLARED DISTANCES HAVE BEEN AMENDED AS FOLLOWS:
TORA 4000M
TODA 4060M
ASDA 4060M
LDA 4000M

INTERNAL REMARK:
(LIDO) 15-DEC-2009 10:22:52
BRF NO CL/LH/YF O/R OZ/G-3 MR
(LIDO) 31-AUG-2009 06:45:12
(LIDO) 28-AUG-2009 09:11:20

UAE REMOVED O.R. ADIL
/FH

A0528/10 NOTAMN
Q)OMAE/QMRLC/IV/NBO/A/000/999/2515N05521E005
A)OMDB
B)1008301200 C)1008302245
D)1200-1600 AND 2200-2245
E)RWY 12L/30R CLSD DUE MAINT

INTERNAL REMARK:
(LIDO) 29-AUG-2010 07:41:25
06*.OPS CONTROL (LH,YF) VIA SITA:FRAZGLH FRAQOLH FRAOOLH

Per 49 USC 831.6 --
Confidential Commercial
Information



03-sep-2010 17:11:49 UTC

A0529/10 NOTAMN
Q)OMAE/QMRLC/IV/NBO/A/000/999/2515N05521E005
A)OMDB
B)1008311200 C)1008312245
D)1200-1600 AND 2200-2245
E)RWY 12R/30L CLSD DUE MAINT

INTERNAL REMARK:
(LIDO) 29-AUG-2010 07:42:54
06*.OPS CONTROL (LH,YF) VIA SITA:FRAZGLH FRAQOLH FRAOOLH

Approach Procedure-NOTAMs

AX1711/00 AIP RESTRICTION
OMDB GPS RWY30R
EVALUATION PROCEDURE FOR EMIRATES AIRLINES ONLY
NOT TO BE USED FOR FLIGHTPLANNING OF OTHER AIRLINES

INTERNAL REMARK:
FG (DLH) 28-JUN-2002 08:02:56
ZA (DLH) 18-JUN-2000 18:59:53
SOURCE : AIP OM
CHAPTER : AD
PAGE : OMDB 2-70
RELEASE/DATE: 04 OCT 2001

FOR LH SEE ALSO A/X/747/02
ON REQ HR RAMM

CO108/09 COMPANY NOTAM
CLOSE OMDB VORDME 30L. NO JEPP PLATE IN TUPS27

INTERNAL REMARK:
DE (UPS) 28-MAY-2009 19:24:46

SID/STAR-NOTAMs

AX2634/06 AIP RESTRICTION
OMDB / DXB/ DUBAI INTL
DCT MIBTU/A INSERTED ON REQ VDA

INTERNAL REMARK:
BR (DLH) 28-MAY-2006 07:30:06
BR (DLH) 28-MAY-2006 07:29:53
SOURCE : NAV.SERVICES
CHAPTER : VDA
PAGE :
RELEASE/DATE: 28MAY06

Per 49 USC 831.6 --
Confidential Commercial
Information



03-sep-2010 17:11:49 UTC

AX2635/06 AIP RESTRICTION

OMDB / DXB / DUBAI INTL

DCT RIKET/D INSERTED ON REQ VDA

INTERNAL REMARK:

(LIDO) 18-MAY-2008 08:02:43

FL (DLH) 27-JUL-2006 02:47:41

FL (DLH) 27-JUL-2006 02:42:41

GOOD MORNING!

PLEASE INSERT NEW DCT SEGMENT IN YOUR DATABASE:

1. OMSJ DCT RIKET

2. OMDB DCT RIKET

3. RIKET DCT FJR

BEST REGARDS

ANDREY DUTY NAVIGATOR.

AX0643/02 AIP RESTRICTION

HOURS OF ACTIVATION H24

OM-R61/DUBAI MINHAD MATZ

INTERNAL REMARK:

(LIDO) 30-JUN-2007 07:12:49

(LIDO) 26-JUN-2007 00:40:22

(LIDO) 25-JUN-2007 23:40:16

ML (DLH) 18-JUL-2006 09:16:49

CL (DLH) 24-MAY-2002 10:53:16

AIP OM

ENR

5-8

03AUG06

ARR-ROUTE OPEN TO MAKE

ALTN-CALC FM OMDM AVBL

AX3803/10 AIP RESTRICTION

TRANSITION OMDB/A FROM SHR (DUMMY WAYPOINT) TO OMDB INSERTED FOR ALTERNATE PURPOSES. PLS OPEN WITH COMPANY NOTAM FOR OPERATIONAL USE.

INTERNAL REMARK:

(LIDO) 20-AUG-2010 09:16:20

SOURCE : AIP

CHAPTER :

PAGE :

RELEASE/DATE:

AX883/02 AIP RESTRICTION

SEGMENT OMDB DCT PINGO INSERTED FOR UAE ONLY.

CLOSED DUE TO USE FOR BASEOPS FLIGHTS ONLY.

INTERNAL REMARK:

ZA (DLH) 20-JUL-2002 12:54:42

RM (DLH) 20-JUL-2002 05:47:51

SOURCE : AIP

CHAPTER :

PAGE :

RELEASE/DATE:

Per 49 USC 831.6 --
Confidential Commercial
Information



03-sep-2010 17:11:49 UTC

AX883/02 AIP RESTRICTION
SEGMENT OMDB DCT OSTIN INSERTED FOR UAE ONLY.
CLOSED DUE TO USE FOR BASEOPS FLIGHTS ONLY.

INTERNAL REMARK:
ZA (DLH) 20-JUL-2002 14:21:54
ZA (DLH) 20-JUL-2002 14:11:13
ZA (DLH) 20-JUL-2002 12:54:42
RM (DLH) 20-JUL-2002 05:47:51
SOURCE : AIP
CHAPTER :
PAGE :
RELEASE/DATE:

AX2224/95 AIP RESTRICTION
HOURS OF ACTIVATION H24
FLW AREAS ARE AFFECTED: D18/DUBAI URQUB DHAREE

INTERNAL REMARK:
ZA (DLH) 30-DEC-2001 15:24:31
ZA (DLH) 30-DEC-2001 15:21:45
ZA (DLH) 30-DEC-2001 15:17:28
GZ (DLH) 04-DEC-2001 05:30:02
ZA (DLH) 28-DEC-1998 18:52:03
VS (DLH) 17-DEC-1998 15:34:49
VS (DLH) 20-MAY-1997 10:37:49
ZA (DLH) 22-DEC-1995 04:20:14
AIP OM,ENR 5-1 - 5-10

AX2224/95 AIP RESTRICTION
HOURS OF ACTIVATION H24
FLW AREAS ARE AFFECTED: R51/DUBAI

INTERNAL REMARK:
ZA (DLH) 30-DEC-2001 15:26:55
ZA (DLH) 30-DEC-2001 15:26:31
GZ (DLH) 04-DEC-2001 05:31:28
ZA (DLH) 28-DEC-1998 18:52:03
VS (DLH) 17-DEC-1998 15:34:49
VS (DLH) 20-MAY-1997 10:37:49
ZA (DLH) 22-DEC-1995 04:20:14
AIP OM,ENR 5-1 - 5-10

AX2224/95 AIP RESTRICTION
HOURS OF ACTIVATION H24
FLW AREAS ARE AFFECTED: R61/DUBAI MINHAD MATZ

INTERNAL REMARK:
ZA (DLH) 30-DEC-2001 17:06:06
ZA (DLH) 30-DEC-2001 17:05:19
ZA (DLH) 30-DEC-2001 17:03:44
GZ (DLH) 04-DEC-2001 05:33:56
GZ (DLH) 04-DEC-2001 05:33:23
ZA (DLH) 28-DEC-1998 18:52:03
VS (DLH) 17-DEC-1998 15:34:49
VS (DLH) 20-MAY-1997 10:37:49
ZA (DLH) 22-DEC-1995 04:20:14
AIP OM,ENR 5-1 - 5-10

Per 49 USC 831.6 --
Confidential Commercial
Information



03-sep-2010 17:11:49 UTC

AX883/02 AIP RESTRICTION
SEGMENT BUBOK- OMDB INSERTED FOR UAE ONLY.
CLOSED DUE TO USE FOR BASEOPS FLIGHTS ONLY.

INTERNAL REMARK:
ZA (DLH) 20-JUL-2002 12:55:29
RM (DLH) 20-JUL-2002 05:48:29
RM (DLH) 20-JUL-2002 05:47:51
SOURCE : AIP
CHAPTER :
PAGE :
RELEASE/DATE:

AX883/02 AIP RESTRICTION
SEGMENT BOVET DCT OMDB INSERTED FOR UAE ONLY.
CLOSED DUE TO USE FOR BASEOPS FLIGHTS ONLY.

INTERNAL REMARK:
ZA (DLH) 20-JUL-2002 16:00:24
ZA (DLH) 20-JUL-2002 12:54:42
RM (DLH) 20-JUL-2002 05:47:51
SOURCE : AIP
CHAPTER :
PAGE :
RELEASE/DATE:

A/X/638/02 AIP RESTRICTION
HOURS OF ACTIVATION H24
FLW AREA IS AFFECTED: R51/DUBAI

INTERNAL REMARK:
RM (DLH) 08-MAR-2004 08:02:16
RM (DLH) 08-MAR-2004 08:01:18
RM (DLH) 08-MAR-2004 07:48:27
RM (DLH) 08-MAR-2004 07:47:59
RM (DLH) 08-MAR-2004 07:46:49
CL (DLH) 24-MAY-2002 10:41:49

AIP OM, ENR 5-6

A/X/638/02 AIP RESTRICTION
HOURS OF ACTIVATION H24
FLW AREA IS AFFECTED: R51/DUBAI

INTERNAL REMARK:
RM (DLH) 08-MAR-2004 08:02:46
RM (DLH) 08-MAR-2004 08:02:16
RM (DLH) 08-MAR-2004 08:01:18
RM (DLH) 08-MAR-2004 07:48:27
RM (DLH) 08-MAR-2004 07:47:59
RM (DLH) 08-MAR-2004 07:46:49
CL (DLH) 24-MAY-2002 10:41:49

AIP OM, ENR 5-6

Per 49 USC 831.6 --
Confidential Commercial
Information



03-sep-2010 17:11:49 UTC

AX883/02 AIP RESTRICTION
SEGMENT BUBOK- OMDB INSERTED FOR UAE ONLY.
CLOSED DUE TO USE FOR BASEOPS FLIGHTS ONLY.

INTERNAL REMARK:
ZA (DLH) 20-JUL-2002 12:55:29
RM (DLH) 20-JUL-2002 05:48:29
RM (DLH) 20-JUL-2002 05:47:51
SOURCE : AIP
CHAPTER :
PAGE :
RELEASE/DATE:

AX883/02 AIP RESTRICTION
SEGMENT BOVET DCT OMDB INSERTED FOR UAE ONLY.
CLOSED DUE TO USE FOR BASEOPS FLIGHTS ONLY.

INTERNAL REMARK:
ZA (DLH) 20-JUL-2002 16:00:24
ZA (DLH) 20-JUL-2002 12:54:42
RM (DLH) 20-JUL-2002 05:47:51
SOURCE : AIP
CHAPTER :
PAGE :
RELEASE/DATE:

A/X/638/02 AIP RESTRICTION
HOURS OF ACTIVATION H24
FLW AREA IS AFFECTED: R51/DUBAI

INTERNAL REMARK:
RM (DLH) 08-MAR-2004 08:02:16
RM (DLH) 08-MAR-2004 08:01:18
RM (DLH) 08-MAR-2004 07:48:27
RM (DLH) 08-MAR-2004 07:47:59
RM (DLH) 08-MAR-2004 07:46:49
CL (DLH) 24-MAY-2002 10:41:49

AIP OM, ENR 5-6

A/X/638/02 AIP RESTRICTION
HOURS OF ACTIVATION H24
FLW AREA IS AFFECTED: R51/DUBAI

INTERNAL REMARK:
RM (DLH) 08-MAR-2004 08:02:46
RM (DLH) 08-MAR-2004 08:02:16
RM (DLH) 08-MAR-2004 08:01:18
RM (DLH) 08-MAR-2004 07:48:27
RM (DLH) 08-MAR-2004 07:47:59
RM (DLH) 08-MAR-2004 07:46:49
CL (DLH) 24-MAY-2002 10:41:49

AIP OM, ENR 5-6

Per 49 USC 831.6 --
Confidential Commercial
Information



03-sep-2010 17:11:49 UTC

AX883/02 AIP RESTRICTION
SEGMENT BUBOK- OMDB INSERTED FOR UAE ONLY.
CLOSED DUE TO USE FOR BASEOPS FLIGHTS ONLY.

INTERNAL REMARK:
ZA (DLH) 20-JUL-2002 12:55:29
RM (DLH) 20-JUL-2002 05:48:29
RM (DLH) 20-JUL-2002 05:47:51
SOURCE : AIP
CHAPTER :
PAGE :
RELEASE/DATE:

AX883/02 AIP RESTRICTION
SEGMENT BOVET DCT OMDB INSERTED FOR UAE ONLY.
CLOSED DUE TO USE FOR BASEOPS FLIGHTS ONLY.

INTERNAL REMARK:
ZA (DLH) 20-JUL-2002 16:00:24
ZA (DLH) 20-JUL-2002 12:54:42
RM (DLH) 20-JUL-2002 05:47:51
SOURCE : AIP
CHAPTER :
PAGE :
RELEASE/DATE:

A/X/638/02 AIP RESTRICTION
HOURS OF ACTIVATION H24
FLW AREA IS AFFECTED: R51/DUBAI

INTERNAL REMARK:
RM (DLH) 08-MAR-2004 08:02:16
RM (DLH) 08-MAR-2004 08:01:18
RM (DLH) 08-MAR-2004 07:48:27
RM (DLH) 08-MAR-2004 07:47:59
RM (DLH) 08-MAR-2004 07:46:49
CL (DLH) 24-MAY-2002 10:41:49

AIP OM, ENR 5-6

A/X/638/02 AIP RESTRICTION
HOURS OF ACTIVATION H24
FLW AREA IS AFFECTED: R51/DUBAI

INTERNAL REMARK:
RM (DLH) 08-MAR-2004 08:02:46
RM (DLH) 08-MAR-2004 08:02:16
RM (DLH) 08-MAR-2004 08:01:18
RM (DLH) 08-MAR-2004 07:48:27
RM (DLH) 08-MAR-2004 07:47:59
RM (DLH) 08-MAR-2004 07:46:49
CL (DLH) 24-MAY-2002 10:41:49

AIP OM, ENR 5-6






Per 49 USC 831.6 --
Confidential Commercial
Information

C. UP6 Fuel Slip

04/09 2010 00:59 FAX 042996401

UPS GATEWAY DUBAI

0002/0004

 ENOC	 EPPCO AVIATION	 CALTEX
P.O.Box 28577 Dubai, United Arab Emirates. Tel: (9714) 2245488, Fax: (9714) 2244328 EPPCO Aviation is a Division of EPPCO Projects Co. (LLC) a joint venture between Emirates National Oil Company Ltd. (ENOC) and CALTEX		
DELIVERY RECEIPT / RELEASE CERTIFICATE for JET-A-1		TICKET NO : ES-1201423
REMARKS: FUELLING STARTED At 1710PM		AIRPORT : DXB DATE : 03-Sep-2010 AIRLINE : United Parcel Service ACCOUNT : Chevron FLT NO : 6X 006 AIRCRAFT : 747 REG NO : N571UP OPERATION: FUELLING NEXT DEST : CGN
Certified that the fuel described herein conforms to latest issue of AFORJOS Check List - Issue 24 and relevant specifications, and has been subjected to Chevron Global Aviation Quality Control & Operating Procedures.		SAY : E25 PIT : E231 EQPT : ES12 M ST : 35,001,600 M FIN : 35,148,835 M TOT : 87,235
Certified Water-Free  For EPPCO Aviation	Received the quantity in waterfree condition  For Airlines	TOTAL(LT) : 87,235
		EQPT READY : 10:04 START TIME : 17:09 END TIME : 17:45 OPTR INITIAL : AP AFORJOS Check List Issue : 24

SECOND COPY : AIR LINE

AVN/F/01g



FUEL PURCHASING AUTHORIZATION AND DELIVERY RECEIPT

PRESS HARD
3 COPIES

4431464 2

FBO: EPPCO		AIR CARRIER: UPS	
A/C NO.	FLT. NO.	ORIG. GATEWAY	NEXT DEST.
N1578UP	UPS10106	OMDIA	FIDDIK
OTHER A/C NO.	FLT. NO.	ORIG. GATEWAY	NEXT DEST.

EQUIP. TYPE	TANK NO.	REMAINING	PLANNED	ACTUAL
B747R2		8800	8600	8600
400F				
TYPE FUEL JET A	M1	1100	29130	28200
OTHER	M2	10400	57450	59200
AI	CTR	0	0	0
MAX. FUEL	M3	11200	57450	59000
LBS/14		11200	29130	27800
TO CONVERT	2.311	0	8800	8500
POUNDS TO				
GALLONS				
DIVIDE BY 6.7				

TOTAL FUEL INDICATED	43900	91100	141300
	Remaining Lbs.	Planned Lbs.	Total Lbs.
ACTUAL FUEL ON ACFT. CALCULATED	43900	+149793	=193693
	Remaining Lbs.	Added Fuel Lbs.	Total Lbs.

DEFUEL AMT.	Lbs.	Gals.
METER / TRUCK NO.	FINISH METER	
ES-12	35148835	
	35061600	
	START METER	

ADDED GALLONS PER METER	FUEL DENSITY LB/GAL	ADDED FUEL
28045	x 6.51	= 149793 lbs.

PREPARED BY: DIPAK...	DATE: 03 SEP 10
FUELED BY: AD...	DATE: 03 SEP 10
RECEIVED BY: [Signature]	DATE: 03 SEP 10

REMARKS: **SPILLER - 87235** **ES1201423**