

TAKEOFF REPORT BER8765 EDDK
 TOPCAT 2.71 21AUG11 15:28Z
 A/C D-ABLA B737-800 CFM56-7B26

ALL WEIGHTS IN KILOGRAMS

////////// TAKE-OFF //////////

APT PRWY POAT PWIND PQNH PMRTW FLP CONF THRUST V1 VR V2 PTOW
 EDDK 14L +25°C 130/09 1015 61563 FLAPS 5 D-TO +58°C 138 138 139 61443

RMKS - CALCULATIONS VALID AT QNH 1010 AND ABOVE
 - SPEED/FLAPS SCHEDULE: VREF 40=137 F15=157 F10=167 F5=167 F1=187
 CLEAN=207

 RWY/INT OAT WIND QNH RWY COND V1 VR V2 THRUST/FLAPS CONFIG

----- REDUCED - DRY - FLAPS 5 - D-TO - A/C ON - A/I OFF -----
 RWY 06 RWY 14L RWY 14R
 2459 M 3815 M 1863 M
 D-TO HW04 D-TO HW09 D-TO HW09
 AT N1 FLAPS 5 AT N1 FLAPS 5 AT N1 FLAPS 5
 +46 96.3 594300 34-35-39 +62 94.0 591610 36-36-37 +50 95.7 59966F 36-36-39
 +44 96.6 604470 35-36-40 +60 94.2 603620 37-38-38 +48 96.0 60784F 37-37-40
 /+42 96.9 614640 36-37-41 /+58 94.5 615630 39-39-40 /+46 96.3 61607F 38-38-41
 +40 97.2 624810 38-38-42 +56 94.8 627640 40-40-41 +44 96.6 62430F 39-39-42
 +38 97.5 634980 39-39-44 +54 95.1 639650 41-41-43 +42 96.9 63260F 39-39-43
 HW/10 KT +529 +89 +152
 TW/15 KT -8488 -8987 -10313

RWY 24 RWY 32L RWY 32R
 2459 M 1863 M 3815 M
 D-TO TW04 D-TO TW09 D-TO TW09
 AT N1 FLAPS 5 AT N1 FLAPS 5 AT N1 FLAPS 5
 +55 95.0 594820 35-36-38 +38 97.5 57155F 30-31-37 +65 93.6 60092C 36-38-38
 +53 95.3 606790 36-37-39 +36 97.8 57834F 30-32-38 +63 93.9 61059C 37-39-39
 /+51 95.6 618770 38-39-41 +34 98.2 58471F 31-32-39 /+61 94.1 62027C 39-40-40
 +49 95.9 630740 39-40-42 +32 98.5 58700F 30-32-39 +59 94.4 62995C 40-41-41
 +47 96.2 642720 41-41-44 +30 98.8 58933F 30-32-40 +57 94.7 63962C 41-42-42
 HW/10 KT +2733 +9430 0
 TW/15 KT -6112 -1143 0

----- FULL - DRY - FLAPS 5 - TO - A/C ON - A/I OFF -----
 RWY 06 RWY 14L RWY 14R
 2459 M 3815 M 1863 M
 TO HW04 TO HW09 TO HW09
 OAT N1 FLAPS 5 OAT N1 FLAPS 5 OAT N1 FLAPS 5
 +29 100.2 675920 42-43-49 +29 100.2 784090 55-55-58 +29 100.2 67241F 42-42-48
 +27 99.9 676450 42-43-49 +27 99.9 784730 55-55-58 +27 99.9 67459F 42-42-48
 /+25 99.6 676970 42-43-49 /+25 99.6 785370 55-55-58 /+25 99.6 67687F 42-43-49
 +23 99.3 677500 42-43-49 +23 99.3 786010 55-55-58 +23 99.3 67906F 43-43-49
 +21 99.0 678030 42-43-49 +21 99.0 786640 55-55-58 +21 99.0 68125F 43-43-49
 HW/10 KT +496 +69 +179
 TW/15 KT -8178 -8129 -11140

RWY 24			RWY 32L			RWY 32R		
2459 M			1863 M			3815 M		
TO		TW04	TO		TW09	TO		TW09
OAT N1		FLAPS 5	OAT N1		FLAPS 5	OAT N1		FLAPS 5
+29	100.2	74482F 50-50-54	+29	100.2	59033F 30-32-40	+29	100.2	80793C 54-55-58
+27	99.9	74545F 50-50-54	+27	99.9	59209F 31-32-40	+27	99.9	80970C 54-55-58
/+25	99.6	74608F 50-50-55	+25	99.6	59392F 31-32-40	/+25	99.7	81073C 54-55-58
+23	99.3	74672O 50-50-55	+23	99.3	59569F 31-33-41	+23	99.4	81133C 54-55-58
+21	99.1	74735O 50-51-55	+21	99.0	59746F 31-33-41	+21	99.1	81194C 54-55-58
HW/10	KT	+2523			+9963			0
TW/15	KT	-6195			-1143			0

* MAX TAKE-OFF WEIGHT MUST NOT EXCEED MAX CERT TAKE-OFF WEIGHT OF 78471 KG *

----- SPECIAL ENG FAIL TAKEOFF PROCEDURES -----

RWY	LENGTH	PROCEDURE
06	2459M	AT 'LW' 300.5 LT TO 'WYP' 109.60 (360 INBD,LT)
14L	3815M	AT 8 DME 'KBO' 112.15 LT TO 'WYP' 109.6 (INBD 262 LT)
14R	1863M	NONE
24	2459M	AT 3 DME 'KBO' 112.15 RT TO 'WYP' 109.60 (360 INBD,LT)
32L	1863M	NONE
32R	3815M	AT 7 DME 'KBO' 112.15 RT TO 'COL' 108.8 (INBD 299 LT)

END TAKEOFF REPORT BER8765 EDDK 21AUG11