

Karratha - Aerodrome Survey

Date

08.03.18

Position

19 22.5

116 46.4

Elevation

32 FT

PAGE 1

Runway Details	Dimensions	2280 m x 45 m		Slope	0.16% down to E		Surface	Sealed	
	Levels TKOF 08	RWY END	5.767	TKOF 26	RWY END	9.92			
		RWS END	5.689		RWS END	9.787			

Declared Distances

RWY	TORA	TODA	ASDA	LDA
8	2280	2340 (1.2%)	2280	2280
26	2280	2340 (1.46%)	2280	2280

Supplementary Take-Off Distances

RWY	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%
8	NA	NA	NA	NA	NA	NA
26	NA	NA	NA	NA	NA	NA

Survey Specs

Code 4 Non-Precision

Take-Off SFC		Approach SFC	
Inner Edge	180 m	Inner Edge	300 m
Dist FM THR	60 m	Dist FM THR	60 m
Divergence	12.5%	Divergence	15%
Final Width	1800 m	1st Sect Slope	2%
Length	15000 m	1st Sect Length	3600 m

Obstacle Information

TKOF RWY	Object No	Description	DIST OUT	HT ABV CWY	OBST GRAD	OBST RL	DIST FM SOT	OFFSET	Comment
8	1	Tree	550.02 m	2.7 m	0.49%	8.47 m	2890.02 m	94.02 mL	
8	2	Tree	498.89 m	2.78 m	0.55%	8.55 m	2838.89 m	78.28 mL	
8	3	Fence	156.75 m	1.45 m	0.92%	7.21 m	2496.75 m	40.89 mL	
8	4	Fence	169.92 m	2 m	1.18%	7.77 m	2509.92 m	4.95 mL	Critical Object
8	5	Fence	171.96 m	1.98 m	1.15%	7.75 m	2511.96 m	3.3 mR	
8	6	Fence	184.43 m	1.45 m	0.78%	7.21 m	2524.43 m	36.46 mR	
26	1	Tower	933.01 m	28.57 m	3.06%	38.49 m	3273.01 m	339.9 mL	Outside TKOF SFC
26	2	Light Pole	591.14 m	7.89 m	1.33%	17.81 m	2931.14 m	196.65 mL	Outside TKOF SFC
26	3	Power Pole	777.06 m	10.21 m	1.31%	20.13 m	3117.06 m	235.6 mL	Outside TKOF SFC
26	4	Light Pole	593.76 m	7.84 m	1.32%	17.76 m	2933.76 m	171.39 mL	Outside TKOF SFC
26	5	Power Pole	613.97 m	8.96 m	1.46%	18.88 m	2953.97 m	154.03 mL	Critical Object
26	6	Light Pole	566.17 m	7.23 m	1.27%	17.15 m	2906.17 m	139.07 mL	
26	7	Light Pole	603.74 m	7.24 m	1.19%	17.16 m	2943.74 m	122.29 mL	
26	8	Power Pole	774.85 m	9.73 m	1.25%	19.65 m	3114.85 m	148.75 mL	
26	9	Light Pole	546.09 m	6.64 m	1.21%	16.56 m	2886.09 m	87.15 mL	
26	10	Power Pole	635.89 m	8.26 m	1.29%	18.18 m	2975.89 m	80.71 mL	
26	11	Power Pole	625.16 m	8.44 m	1.35%	18.36 m	2965.16 m	77.87 mL	
26	12	Power Pole	873.49 m	10.33 m	1.18%	20.25 m	3213.49 m	98.24 mL	
26	13	Power Pole	785.06 m	9.28 m	1.18%	19.2 m	3125.06 m	68 mL	
26	14	Light Pole	614.71 m	6.9 m	1.12%	16.82 m	2954.71 m	53.06 mL	
26	15	Light Pole	587.06 m	6.56 m	1.11%	16.48 m	2927.06 m	33.17 mL	

Karratha - Aerodrome Survey

Date

08.03.18

Position

19 22.5

116 46.4

Elevation

32 FT

PAGE 2

Runway Details	Dimensions	2280 m x 45 m		Slope	0.16% down to E		Surface	Sealed	
	Levels	TKOF 08	RWY END	5.767	TKOF 26	RWY END	9.92		
			RWS END	5.689		RWS END	9.787		

Declared Distances

RWY	TORA	TODA*	ASDA	LDA		
8	2280	2340 (1.2%)	2280	2280		
26	2280	2340 (1.24%)	2280	2280	* TODA GRAD 1.48% FM PAGE 1	
Supplementary Take-Off Distances						
RWY	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%
8	NA	NA	NA	NA	NA	NA
26	NA	NA	NA	NA	NA	NA

Survey Specs

Code 4 Non-Precision

Take-Off SFC		Approach SFC	
Inner Edge	180 m	Inner Edge	300 m
Dist FM THR	60 m	Dist FM THR	60 m
Divergence	12.5%	Divergence	15%
Final Width	1800 m	1st Sect Slope	2%
Length	15000 m	1st Sect Length	3600 m

Obstacle Information

TKOF RWY	Object No	Description	DIST OUT	HT ABV CWY	OBST GRAD	OBST RL	DIST FM SOT	OFFSET	Comment
8	1	Tree	169.92 m	2 m	1.18%	7.77 m	2509.92 m	4.95 mL	Critical Object
26	1	Power Pole	653.6 m	6.44 m	0.98%	16.36 m	2993.6 m	22.64 mL	
26	2	Light	625.95 m	6.64 m	1.06%	16.56 m	2965.95 m	7.29 mL	
26	3	Tower	878.99 m	8.76 m	0.99%	18.68 m	3218.99 m	2.04 mR	
26	4	Power Pole	793.89 m	8.8 m	1.1%	18.72 m	3133.89 m	12.7 mR	
26	5	Light	665.77 m	7.18 m	1.07%	17.1 m	3005.77 m	17.24 mR	
26	6	Power Pole	666.42 m	8.32 m	1.24%	18.24 m	3006.42 m	27.73 mR	Critical Object
26	7	Light	605.42 m	6.51 m	1.07%	16.43 m	2945.42 m	43.75 mR	
26	8	Light	646.13 m	6.09 m	0.94%	16.01 m	2986.13 m	70.76 mR	

Karratha - Aerodrome Survey

Date 08.03.18

Position 19 22.5 116 46.4

Elevation 32 FT

PAGE 3

Runway Details	Dimensions	2280 m x 45 m		Slope	0.16% down to E		Surface	Sealed	
	Levels	TKOF 08	RWY END	5.767	TKOF 26	RWY END	9.92		
			RWS END	5.689		RWS END	9.787		

Declared Distances						
RWY	TORA	TODA*	ASDA	LDA		
8	2280	2340 (1.2%)	2280	2280		
26	2280	2340 (1.2%)	2280	2280	* TODA GRAD 1.48% FM PAGE 1	
Supplementary Take-Off Distances						
RWY	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%
8	NA	NA	NA	NA	NA	NA
26	NA	NA	NA	NA	NA	NA

Survey Specs			
Code 4 Non-Precision			
Take-Off SFC		Approach SFC	
Inner Edge	180 m	Inner Edge	300 m
Dist FM THR	60 m	Dist FM THR	60 m
Divergence	12.5%	Divergence	15%
Final Width	1800 m	1st Sect Slope	2%
Length	15000 m	1st Sect Length	3600 m

Obstacle Information									
TKOF RWY	Object No	Description	DIST OUT	HT ABV CWY	OBST GRAD	OBST RL	DIST FM SOT	OFFSET	Comment
8	1	Tree	169.92 m	2 m	1.18%	7.77 m	2509.92 m	4.95 mL	Critical Object
26	1	Power Pole	837.73 m	8.01 m	0.95%	17.93 m	3177.73 m	102.61 mR	
26	2	Light	614.5 m	6.54 m	1.06%	16.46 m	2954.5 m	82.35 mR	Critical Object
26	3	Light	607.34 m	5.51 m	0.9%	15.43 m	2947.34 m	96.73 mR	
26	4	Tower	963.13 m	7.96 m	0.82%	17.88 m	3303.13 m	191.57 mR	
26	5	Light	666.03 m	5.75 m	0.86%	15.67 m	3006.03 m	137.12 mR	
26	6	Power Pole	881.29 m	7.81 m	0.88%	17.73 m	3221.29 m	192.15 mR	
26	7	Light	636.67 m	6.11 m	0.96%	16.03 m	2976.67 m	149.52 mR	
26	8	Light	680.89 m	5.46 m	0.8%	15.38 m	3020.89 m	170.81 mR	