

**STAWELL**

<b>RWY</b>	<b>(CN)</b>	<b>TORA</b>	<b>TODA</b>	<b>ASDA</b>	<b>LDA</b>
11	(3)	1403 (4603)	1463 (4800) (3.79%)	1403 (4603)	1403 (4603)
RESA dimensions 60M X 45M commences from RWY end.					
29	(3)	1403 (4603)	1463 (4800) (7.64%)	1403 (4603)	1403 (4603)
RESA dimensions 60M X 90M commences from RWY end.					
Unlit OBST fence 1FT ABV at RWS end and 75M S of RCL not taken into account in calculation of TODA GRAD and STODA.					
Slope 0.5% down to W. RWY WID 30 RWS WID 90					
18	(2)	854 (2802)	914 (2999) (3.7%)	854 (2802)	854 (2802)
RESA dimensions 60M X 90M commences from RWY end.					
36	(2)	854 (2802)	914 (2999) (2.12%)	854 (2802)	854 (2802)
RESA dimensions 60M X 45M commences from RWY end.					
Slope 1.3% down to N. RWY WID 18 RWS WID 90					

**SUPPLEMENTARY TAKEOFF DISTANCES**

RWY11-	821(2694)(1.6)	1076(3530)(1.9)	1264(4147)(2.2)	1357(4452)(2.5)	1436(4711)(3.3)
RWY29-	1138(3734)(1.6)	1214(3983)(1.9)	1253(4111)(2.2)	1287(4222)(2.5)	1354(4442)(3.3)
	1425(4675)(5.0)				
RWY18-	826(2710)(3.3)				
RWY36-	823(2700)(1.6)	880(2887)(1.9)			

**STRAHAN**

<b>RWY</b>	<b>(CN)</b>	<b>TORA</b>	<b>TODA</b>	<b>ASDA</b>	<b>LDA</b>
18	(1)	1220 (4003)	1280 (4199) (17.78%)	1220 (4003)	1220 (4003)
36	(1)	1220 (4003)	1280 (4199) (5.69%)	1220 (4003)	1220 (4003)

1. RWY 18/36 transitional SFC infringed on E side up to 1.2M.
  2. RWY 36 - Transient OBST up to 12.4FT ABV and 131M N of RWS end is taken into account in the calculation of TODA GRAD and STODA.
- Slope Level. RWY WID 18 RWS WID 90

**SUPPLEMENTARY TAKEOFF DISTANCES**

RWY18-	1103(3619)(1.6)	1133(3717)(1.9)	1156(3793)(2.2)	1173(3848)(2.5)	1203(3947)(3.3)
	1235(4052)(5.0)				
RWY36-	900(2953)(2.2)	1194(3917)(2.5)	1255(4117)(3.3)	1277(4190)(5.0)	

**STREAKY BAY**

<b>RWY</b>	<b>(CN)</b>	<b>TORA</b>	<b>TODA</b>	<b>ASDA</b>	<b>LDA</b>
05	(1)	780 (2559)	840 (2756) (2.88%)	780 (2559)	780 (2559)
23	(1)	780 (2559)	840 (2756) (2.01%)	780 (2559)	780 (2559)
Slope 0.15% down to SW. RWY WID 18 RWS WID 90					
13	(2)	1351 (4432)	1411 (4629) (2.72%)	1351 (4432)	1351 (4432)
RESA dimensions 120M X 60M commences from RWY end.					
31	(2)	1351 (4432)	1411 (4629) (1.2%)	1351 (4432)	1351 (4432)
RESA dimensions 90M X 60M commences from RWY end.					

- Slope 0.9% down to SE and 0.3% down to NW. Highest point 300 from NW end. RWY WID 18 RWS WID 90

**SUPPLEMENTARY TAKEOFF DISTANCES**

RWY23-	815(2674)(1.9)				
RWY13-	1234(4049)(1.6)	1302(4272)(1.9)	1349(4426)(2.2)	1388(4554)(2.5)	

**SUNRISE DAM**

<b>RWY</b>	<b>(CN)</b>	<b>TORA</b>	<b>TODA</b>	<b>ASDA</b>	<b>LDA</b>
06	(3)	1950 (6398)	2010 (6594) (1.25%)	1950 (6398)	1950 (6398)
RESA dimensions 90M X 60M commences from RWS end.					
24	(3)	1950 (6398)	2010 (6594) (1.2%)	1950 (6398)	1950 (6398)
RESA dimensions 90M X 60M commences from RWS end.					
RWY 06/24 APCH inner edge length 150M.					
Slope 0.3% down to SW. RWY WID 30 RWS WID 150					

**SUNSHINE COAST**

<b>RWY</b>	<b>(CN)</b>	<b>TORA</b>	<b>TODA</b>	<b>ASDA</b>	<b>LDA</b>
13	(4)	2625 (8612)	2685 (8809) (2.47%)	2625 (8612)	2625 (8612)
RESA dimensions 240M X 90M commences from RWS end.					
31	(4)	2800 (9186)	2860 (9383) (2.51%)	2800 (9186)	2450 (8038)
RESA dimensions 240M X 90M commences from RWS end.					
RWY 31 DTHR 175M (from RWY 13 end).					
Slope Level. RWY WID 45 RWS WID 300 Graded 150					

**SUPPLEMENTARY TAKEOFF DISTANCES**

RWY13-	2494(8182)(1.6)	2611(8566)(1.9)	2655(8711)(2.2)
RWY31-	1678(5505)(1.9)	2765(9071)(2.2)	2860(9383)(2.5)

**TAXIWAY INTERSECTION DECLARED DISTANCES**

RWY13-	TKOF from TWY A2;	RWY remaining 1234(4049)	reduce all DIST by 1391(4564)
RWY31-	TKOF from TWY A1;	RWY remaining 2450(8038)	reduce all DIST by 350(1148)
RWY31-	TKOF from TWY A2;	RWY remaining 1409(4623)	reduce all DIST by 1391(4564)

**SWAN HILL**

<b>RWY</b>	<b>(CN)</b>	<b>TORA</b>	<b>TODA</b>	<b>ASDA</b>	<b>LDA</b>
04	(2)	980 (3215)	1040 (3412) (3.02%)	980 (3215)	980 (3215)
22	(2)	980 (3215)	1040 (3412) (2.96%)	980 (3215)	980 (3215)
Slope 0.2% down to NE. RWY WID 23 RWS WID 90					
08	(3)	1495 (4905)	1555 (5102) (5.6%)	1495 (4905)	1495 (4905)
1. LDG RWY 08 - Unlit OBST fence 10FT ABV and 22M W of RWS end.					
2. 3.33% OBSTR CLR APCH SFC LDG RWY 08 terminates at THR not RWS end.					
3. Caution: Fence 6.3 FT ABV at RWS end is not taken into account in the calculation of TODA GRAD and STODA.					
4. Transient OBST 16FT ABV at RWS end not taken into account in calculation of TODA GRAD and STODA.					
26	(3)	1495 (4905)	1555 (5102) (10.53%)	1495 (4905)	1495 (4905)
1. LDG RWY 26 - Unlit OBST is fence 6.5FT ABV at RWS end.					
2. 3.33% OBSTR CLR APCH SFC LDG RWY 26 terminates at THR not RWS end.					
3. Caution: Fence 10.5 FT ABV and 22M W of RWS end and fence 12.4FT ABV and 42M W of RWS end, are not taken into account in the calculation of TODA GRAD and STODA.					
Slope 0.1% down to E. RWY WID 30 RWS WID 90					

**SUPPLEMENTARY TAKEOFF DISTANCES**

RWY04-	911(2989)(2.5)				
RWY22-	807(2648)(1.9)	899(2949)(2.2)	968(3176)(2.5)		
RWY08-	1145(3757)(1.6)	1303(4275)(1.9)	1386(4547)(2.2)	1427(4682)(2.5)	1488(4882)(3.3)
	1544(5066)(5.0)				
RWY26-	1317(4321)(1.6)	1357(4452)(1.9)	1387(4550)(2.2)	1411(4629)(2.5)	1455(4774)(3.3)
	1502(4928)(5.0)				

**SYDNEY/BANKSTOWN**

<b>RWY</b>	<b>(CN)</b>	<b>TORA</b>	<b>TODA</b>	<b>ASDA</b>	<b>LDA</b>
11C	(3)	1416 (4646)	1476 (4842) (4.21%)	1416 (4646)	1259 (4131)
RESA dimensions 90M X 90M commences from RWY end. RWY 11C LDA DISP THR 97M.					
29C	(3)	1416 (4646)	1476 (4842) (4.56%)	1416 (4646)	1356 (4449)
RESA dimensions 90M X 90M commences from RWY end. TKOF Transient OBST TWY E 17FT AGL and 7M NW of RWS end is not taken into account in calculation of TODA and STODA GRAD. TORA commences at RWS end for both RWY 11C and 29C. Slope W end 0.5% down to E. Centre 0.2% up to E. E end 0.2% down to W. RWY WID 30 RWS WID 90					
11L	(2)	1100 (3609)	1160 (3806) (3.44%)	1100 (3609)	1100 (3609)
29R	(2)	1100 (3609)	1160 (3806) (2.89%)	1100 (3609)	1100 (3609)
TKOF Transient OBST TWY A2 27FT AGL and 76M NW of RWS end is not taken into account in calculation of TODA and STODA GRAD. Slope 0.3% down to W. RWY WID 30 RWS WID 90					
11R	(2)	1038 (3405)	1098 (3602) (3.32%)	1038 (3405)	1038 (3405)
TKOF Transient OBST TWY B6 17FT AGL and 100M SE of RWS end is not taken into account in calculation of TODA and STODA GRAD.					
29L	(2)	1038 (3405)	1098 (3602) (4.2%)	1038 (3405)	1038 (3405)
Slope 0.1% down to W. RWY WID 23 RWS WID 90					

**SUPPLEMENTARY TAKEOFF DISTANCES**

RWY11C-	912(2992)(2.2)	1044(3425)(2.5)	1279(4196)(3.3)
RWY29C-	914(2999)(2.2)	1056(3465)(2.5)	1309(4295)(3.3)
RWY11L-	1029(3376)(3.3)		
RWY29R-	829(2720)(1.9)	1003(3291)(2.2)	1135(3724)(2.5)
RWY11R-	838(2749)(2.5)		
RWY29L-	966(3169)(3.3)		

**TAXIWAY INTERSECTION DECLARED DISTANCES**

RWY29R- TKOF from TWY A7; RWY remaining 1005(3297) reduce all DIST by 95(312)

**SYDNEY/KINGSFORD SMITH**

<b>RWY</b>	<b>(CN)</b>	<b>TORA</b>	<b>TODA</b>	<b>ASDA</b>	<b>LDA</b>
07	(4)	2530 (8300)	2620 (8596) (4.33%)	2560 (8399)	2530 (8300)
RESA dimensions 90M X 90M commences from RWS end.					
Approach GRAD 3.3%					
25	(4)	2530 (8300)	2590 (8497) (3.02%)	2530 (8300)	2429 (7969)
RESA dimensions 90M X 90M commences from RWS end.					
1. Approach GRAD 3.5%.					
2. RWY 25 LOC aerial 11FT ABV RWY 07 THR and LCA 2608M FM RWY 25 SOT is not taken into account in the calculation of TODA gradient and STODA.					
3. OBST concrete barrier and associated railings 7.5FT ABV RWY 07 THR LCA 2605M FM RWY 25 SOT and 45M S of extended RCL is not taken into account in the calculation of TODA gradient and STODA.					
4. RWY 25 DTHR 101M.					
Slope 550M E end 0.4% down to W; Centre 1580M level; 400M W end 0.3% down to E. RWY WID 45 RWS WID 280 Graded 150					
16L	(4)	2438 (7999)	2528 (8294) (3.06%)	2438 (7999)	2207 (7241)
RESA dimensions 90M X 90M commences from RWS end.					
Approach GRAD 3.8%, RWY 16L DTHR 231M.					
34R	(4)	2438 (7999)	2498 (8195) (3.43%)	2438 (7999)	2400 (7874)
RESA dimensions 90M X 90M commences from RWS end.					
1. RWY 34R DTHR 38M.					
2. OBST- HIAL LCA BTN 2517M and 2880M FM SOT MAX height AGL 22FT penetrate OLS by MAX 4FT are not taken into account in the calculation of TODA gradient and STODA.					
3. Wind turbulence on RWY 34R may be induced by ships docked at container port located E of RWY 34R when wind is BTN 020 MAG and 065 MAG with a mean wind speed greater than 14KT (gust 20KT).					
Slope 0.08% down to S. RWY WID 45 RWS WID 280 Graded 150					
16R	(4)	3962 (12999)	4052 (13294) (2.35%)	3992 (13097)	3877 (12720)
RESA dimensions 90M X 90M commences from RWS end.					
1. Approach GRAD 2.7%, RWY 16R DTHR 85M.					
2. OBST-HIAL LCA 4081M FM SOT 6FT AGL penetrates OLS by 1FT is not taken into account in the calculation of TODA gradient and STODA.					
3. Wind TURB on RWY 16R may be induced by road construction and associated structures LCA under APCH when wind is BTN 200 MAG and 245 MAG with a mean wind speed greater than 18KT (gust 25KT) or when wind is BTN 078 MAG and 101 MAG with a mean wind speed of 14KT (gust 19KT).					
34L	(4)	3962 (12999)	4059 (13317) (3.08%)	3962 (12999)	3962 (12999)
RESA dimensions 90M X 90M commences from RWS end.					
1. Approach GRAD 2.1%.					
2. OBST two aerals associated with 34L ILS located 4083.4M FM SOT RWY 34L, aerial one on the extended RWY CL, aerial two 57.5M W of the RWY CL, both 15FT AGL infringe the OLS by 4.5FT and OBST-HIAL LCA BTN 4057M and 4303M FM SOT MAX height AGL 19FT penetrate OLS by MAX 7FT are not taken into account in calculation of TODA gradient and STODA.					
Slope 0.2% down to N and 0.1% down to S. Highest point 1920M from N end. RWY WID 45 RWS WID 280 Graded 150					