SYDNEY/KINGSFORD SMITH

RWY	(CN)	TORA	TODA	ASDA	LDA		
07	(4)	2530 (8300)	2620 (8596) (4.33%)	2560 (8399)	2530 (8300)		
RESA dimensions 90M X 90M commences from RWS end.							
۸	Approach CDAD 2 20/						

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 aerials 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

SUPPLEMENTARY TAKEOFF DISTANCES

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RWY07- 1260(4134)(1.6) 1637(5371)(1.9) 1910(6266)(2.2) 2124(6968)(2.5) 2448(8031)(3.3) RWY25- 1938(6358)(1.9) 2383(7818)(2.2) 2465(8087)(2.5) RWY16L- 2450(8038)(1.6) 2482(8143)(1.9) 2499(8199)(2.2) 2509(8232)(2.5) RWY34R- 1552(5092)(1.6) 2028(6653)(1.9) 2269(7444)(2.2) 2364(7756)(2.5) 2469(8100)(3.3) RWY16R-3955(12976)(1.6) 4001(13126)(1.9) 4036(13241)(2.2)
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RWY34L- 3405(11171)(1.6) 3667(12031)(1.9) 3847(12621)(2.2) 3974(13038)(2.5)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY07- TKOF from TWY A; RWY remaining 1666(5466) reduce all DIST by 864(2835) reduce all DIST by 1230(4035) reduce all DIST by 1230(4035) reduce all DIST by 1230(4035) reduce all DIST by 133(436) reduce all DIST by 17(1565) reduce all DIST by 133(436) reduce all DIST by 133(436) reduce all DIST by 17(1565) reduce all DIST by 133(436) reduce all DIST by 17(1565) reduce all DIST by 17(1565) reduce all DIST by 133(436) reduce all DIST by 17(1565) reduce all DIST by 133(436) reduce all DIST by 17(1565) reduce all DIST by 133(436) reduce all DIST by 1276(4186) reduce all DIST by 1124(3688) reduce all DIST by 161(528) re	TAXIWAY INTERSECTION DECLARED DISTANCES						
RWY07- RWY08- RWY18- RWY remaining 1146(3760) RWY remaining 2397(7864) RWY remaining 2397(7864) RWY remaining 2053(6735) RWY25- RWY25- RWY remaining 1254(4114) RWY125- RWY25- RWY25- RWF remaining 1254(4114) RWY remaining 2397(7864) RWY remaining 2397(7864) RWY remaining 1254(4114) RWY remaining 1254(1144) RWY r	RWY07-	TKOF from TWY A;	RWY remaining 1666(5466) reduce all DIST by 864(2835)				
RWY07- RWY07- RWY07- RWY07- RWY07- RWY25- RWY remaining 2053(6735) reduce all DIST by 133(436) RWY25- RWY25- RWY from TWY C; RWY remaining 1254(4114) reduce all DIST by 1276(4186) RWY25- RWY25- RWY remaining 1406(4613) reduce all DIST by 1276(4186) RWY25- RWY remaining 1406(4613) reduce all DIST by 1124(3688) RWY25- RWY remaining 2394(7854) reduce all DIST by 665(2182) RWY25- RWY16L- RWF from TWY G; RWY remaining 2394(7854) reduce all DIST by 161(328) RWY34R- RWY16R- RWF from TWY A3; RWY remaining 2394(7854) reduce all DIST by 136(446) RWY16R- RWY16R- RWY remaining 2362(7749) reduce all DIST by 76(249) RWY16R- RWF remaining 1931(6335) reduce all DIST by 2031(6663) RWY16R- RWF remaining 1439(4721) reduce all DIST by 2031(6663) RWY16R- RWF remaining 3330(10925) reduce all DIST by 632(2073) RWY16R- RWF remaining 2926(9600) reduce all DIST by 823(2700) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWF remaining 2849(9347) reduce all DIST by 1036(3399) RWF remaining 2849(9347) reduce all DIST by 2030(8540) RWF remaining 1359(4459) reduce all DIST by 2030(8540) RWF r	RWY07-	TKOF from TWY B;	RWY remaining 1300(4265) reduce all DIST by 1230(4035)				
RWY07- RWY25- RWY25- RWY25- TKOF from TWY C; RWY remaining 2053(6735) reduce all DIST by 477(1565) RWY25- RWY25- TKOF from TWY C; RWY remaining 1254(4114) reduce all DIST by 1276(4186) RWY25- RWY25- TKOF from TWY D; RWY remaining 1865(6119) reduce all DIST by 1124(3688) RWY25- TKOF from TWY G4; RWY remaining 2394(7854) reduce all DIST by 136(446) RWY16L- RWY16L- RWY16L- RWY remaining 2394(7854) reduce all DIST by 136(446) RWY16R- RWY16R- TKOF from TWY A3; RWY remaining 1931(6335) reduce all DIST by 76(249) RWY16R- TKOF from TWY B3; RWY remaining 1931(6335) reduce all DIST by 2031(6663) RWY16R- TKOF from TWY B4; RWY remaining 3330(10925) reduce all DIST by 632(2073) RWY16R- TKOF from TWY B6; RWY remaining 3330(10925) reduce all DIST by 823(2700) RWY16R- TKOF from TWY B6; RWY remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- TKOF from TWY F; RWY remaining 2849(9347) reduce all DIST by 536(1759) RWY16R- TKOF from TWY G; RWY remaining 3352(10997) reduce all DIST by 536(1759) RWY16R- TKOF from TWY A5; RWY remaining 2546(8353) reduce all DIST by 610(2001) RWY34L- TKOF from TWY B6; RWY remaining 1359(4459) reduce all DIST by 2003(8540) RWY34L- TKOF from TWY B6; RWY remaining 1559(3474) reduce all DIST by 2003(9524) RWY34L- TKOF from TWY B6; RWY remaining 1559(3474) reduce all DIST by 2003(9524) RWY34L- TKOF from TWY B6; RWY remaining 1135(3724) reduce all DIST by 2120(6955) RWY34L- TKOF from TWY B6; RWY remaining 1135(3724) reduce all DIST by 2200(7546)	RWY07-	TKOF from TWY C;	RWY remaining 1146(3760) reduce all DIST by 1384(4541)				
RWY25- RWY25- RWY25- RWY25- TKOF from TWY C; RWY remaining 1254(4114) reduce all DIST by 1276(4186) RWY25- RWY25- RWY25- RWY25- RWY16L- RWY16L- RWY16L- RWF from TWY L; RWY remaining 2394(7854) reduce all DIST by 136(446) RWY34R- RWY16R- RWY16R- RWY16R- RWF from TWY B3; RWY remaining 2362(7749) reduce all DIST by 2031(6663) RWY16R- RWY16R- RWF remaining 1254(4114) reduce all DIST by 1276(4186) RWY25- RWY remaining 1865(6119) reduce all DIST by 136(446) RWY34R- RWY remaining 2362(7740) reduce all DIST by 161(528) RWY remaining 1931(6335) reduce all DIST by 2031(6663) RWY16R- RWF remaining 3330(10295) reduce all DIST by 2523(8277) RWY16R- RWF remaining 3330(10295) reduce all DIST by 632(2073) RWY16R- RWF remaining 3330(10298) reduce all DIST by 823(2700) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 242(7027) reduce all DIST by 1036(3399) RWY16R- RWF remaining 3426(11240) reduce all DIST by 536(1759) RWF remaining 2849(9347) reduce all DIST by 1113(3652) RWF remaining 2546(8353) reduce all DIST by 203(9524) RWF remaining 2546(8353) reduce all DIST by 203(9524) RWF remaining 1135(3724) reduce all DIST by 203(9555) RWF remaining 1135(3724) reduce all DIST by 203(9524) RWF remaining 1135(3724) reduce all DIST by 203(9524) RWF remaining 1135(3724) reduce all DIST by 203(9525) RWF remaining 1135(3724) reduce all DIST by 203(9524) RWF remaining 1135(3724) reduce all DIST by 203(9525)	RWY07-	TKOF from TWY G2;	RWY remaining 2397(7864) reduce all DIST by 133(436)				
RWY25- RWY25- RWY25- RWY25- RWY16L- RWY34R- RWY16L- RWF from TWY L; RWY remaining 1406(4613) reduce all DIST by 1124(3688) RWY34R- RWY16L- RWY16L- RWY16R- RWY16R- RWF from TWY B10; RWY remaining 2362(7749) reduce all DIST by 76(249) RWY16R- RWY16R- RWF from TWY B3; RWY remaining 1439(4721) reduce all DIST by 2031(6663) RWY16R- RWY16R- RWF remaining 3330(10925) reduce all DIST by 2523(8277) RWY16R- RWY16R- RWF remaining 3330(10925) reduce all DIST by 823(2700) RWY16R- RWY16R- RWF remaining 3330(10925) reduce all DIST by 823(2700) RWY16R- RWY16R- RWF remaining 3439(4721) reduce all DIST by 823(2700) RWY16R- RWF remaining 3439(10925) reduce all DIST by 823(2700) RWY16R- RWF remaining 3426(11240) reduce all DIST by 1036(3399) RWY16R- RWF remaining 3426(11240) reduce all DIST by 536(1759) RWF remaining 3426(11240) reduce all DIST by 1036(352) RWF remaining 3426(11240) reduce all DIST by 1036(352) RWF remaining 3426(11240) reduce all DIST by 1036(352) RWF remaining 355(10997) reduce all DIST by 1036(352) RWF remaining 2546(8353) reduce all DIST by 610(2001) RWF34L- RWF remaining 1406(4613) reduce all DIST by 2120(6955) RWF remaining 1135(3724) reduce all DIST by 2120(6955) RWF remaining 1135(3724) reduce all DIST by 2203(7546)	RWY07-	TKOF from TWY Y;	RWY remaining 2053(6735) reduce all DIST by 477(1565)				
RWY25- RWY25- RWY25- RWY16L- RWY34R- RWY16R- RWY16R- RWY16R- RWY16R- RWY16R- RWY16R- RWY16R- RWY16R- RWF from TWY B3; RWY16R- RWF from TWY B4; RWY16R- RWF from TWY B3; RWY16R- RWY16R- RWF from TWY B3; RWY16R- RWY16R- RWF remaining 2362(7749) reduce all DIST by 2523(8277) reduce all DIST by 362(2073) RWY16R- RWY16R- RWF remaining 3139(10298) reduce all DIST by 823(2700) reduce all DIST by 1036(3399) reduce all DIST by 1036(359) reduce all DIST by 203(9524) reduce all DIST by 203(RWY25-	TKOF from TWY B;	RWY remaining 1254(4114) reduce all DIST by 1276(4186)				
RWY25- RWY16L- RWY34R- RWY16R- RWY16R- RWY16R- RWY16R- RWF from TWY B3; RWY remaining 2394(7854) reduce all DIST by 136(446) RWY16R- RWY16R- RWF from TWY B3; RWY remaining 2362(7749) reduce all DIST by 2031(6663) RWY16R- RWF remaining 1931(6335) reduce all DIST by 2031(6663) RWY16R- RWF remaining 1931(6335) reduce all DIST by 2523(8277) RWY16R- RWF remaining 3330(10925) reduce all DIST by 632(2073) RWY16R- RWF remaining 2926(9600) reduce all DIST by 823(2700) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- RWF remaining 2926(9600) reduce all DIST by 1036(3399) RWF remaining 2926(9600) reduce all DIST by 203(9550) RWF remai	RWY25-	TKOF from TWY C;	RWY remaining 1406(4613) reduce all DIST by 1124(3688)				
RWY16L- RWY34R- RWY16R- RWY16R	RWY25-	TKOF from TWY D;	RWY remaining 1865(6119) reduce all DIST by 665(2182)				
RWY34R- RWY16R- RWY16R- RWY16R- TKOF from TWY A3; RWY remaining 2362(7749) reduce all DIST by 76(249) RWY16R- RWY16R- TKOF from TWY B10; RWY remaining 1931(6335) reduce all DIST by 2031(6663) RWY16R- RWY16R- TKOF from TWY B3; RWY remaining 3330(10925) reduce all DIST by 632(2073) RWY16R- TKOF from TWY B6; RWY remaining 3139(10298) reduce all DIST by 823(2700) RWY16R- TKOF from TWY B8; RWY remaining 2926(9600) reduce all DIST by 1036(3399) RWY16R- TKOF from TWY F; RWY remaining 3426(11240) reduce all DIST by 1036(352) RWY16R- TKOF from TWY C; RWY remaining 3426(11240) reduce all DIST by 536(1759) RWY16R- TKOF from TWY C; RWY remaining 3352(10997) reduce all DIST by 2603(8540) RWY34L- TKOF from TWY B6; RWY remaining 3552(10997) reduce all DIST by 610(2001) RWY34L- TKOF from TWY B6; RWY remaining 1059(3474) reduce all DIST by 2903(9524) RWY34L- TKOF from TWY B8; RWY remaining 1135(3724) reduce all DIST by 2120(6955) RWY34L- TKOF from TWY G; RWY remaining 1135(3724) reduce all DIST by 22827(9275) RWY34L- TKOF from TWY K; RWY remaining 1135(3724) reduce all DIST by 2200(7546)	RWY25-	TKOF from TWY G4;	RWY remaining 2394(7854) reduce all DIST by 136(446)				
RWY16R- RWY16R	RWY16L-	TKOF from TWY L;	RWY remaining 2277(7470) reduce all DIST by 161(528)				
RWY16R- RWY16R	RWY34R-	TKOF from TWY T5;	RWY remaining 2362(7749) reduce all DIST by 76(249)				
RWY16R- RWY16R	RWY16R-	TKOF from TWY A3;	RWY remaining 1931(6335) reduce all DIST by 2031(6663)				
RWY16R- RWY16R	RWY16R-	TKOF from TWY B10;	RWY remaining 1439(4721) reduce all DIST by 2523(8277)				
RWY16R- RWY16R	RWY16R-	TKOF from TWY B3;	RWY remaining 3330(10925) reduce all DIST by 632(2073)				
RWY16R- RWY16R	RWY16R-	TKOF from TWY B4;	RWY remaining 3139(10298) reduce all DIST by 823(2700)				
RWY16R- RWY16R- RWY16R- RWY16R- RWY16R- RWY16R- RWY16R- RWY16R- RWY34L- RWF from TWY A5; RWY remaining 3426(11240) reduce all DIST by 536(1759) reduce all DIST by 1113(3652) reduce all DIST by 2603(8540) reduce all DIST by 2603(8540) reduce all DIST by 610(2001) reduce all DIST by 1416(4646) reduce all DIST by 2903(9524) reduce all DIST by 2903(9524) reduce all DIST by 2120(6955) reduce all DIST by 2120(6955) reduce all DIST by 2827(9275) reduce all DIST by 2827(9275) reduce all DIST by 2300(7546)	RWY16R-	TKOF from TWY B6;	RWY remaining 2926(9600) reduce all DIST by 1036(3399)				
RWY16R- RWY16R- RWY16R- RWY34L- RWY74L- RWY74L	RWY16R-	TKOF from TWY B8;	RWY remaining 2142(7027) reduce all DIST by 1820(5971)				
RWY16R- RWY34L- RWY34L	RWY16R-	TKOF from TWY F;	RWY remaining 3426(11240) reduce all DIST by 536(1759)				
RWY34L- RWF from TWY B8; RWY remaining 3352(10997) reduce all DIST by 610(2001) reduce all DIST by 1416(4646) reduce all DIST by 2903(9524) reduce all DIST by 2903(9524) reduce all DIST by 2120(6955) RWY34L- RWY34L- RWY remaining 1135(3724) reduce all DIST by 2827(9275) reduce all DIST by 2827(9275) reduce all DIST by 2300(7546)	RWY16R-	TKOF from TWY G;	RWY remaining 2849(9347) reduce all DIST by 1113(3652)				
RWY34L- RWY74L- RWY34L- RWY74L- RWF from TWY B8; RWY remaining 1059(3474) reduce all DIST by 2903(9524) reduce all DIST by 2120(6955) RWY34L- RWY remaining 1135(3724) reduce all DIST by 2827(9275) reduce all DIST by 2827(9275) reduce all DIST by 2300(7546)	RWY16R-	TKOF from TWY L;	RWY remaining 1359(4459) reduce all DIST by 2603(8540)				
RWY34L- RWY34L- RWY34L- RWY34L- RWY34L- RWY34L- RWY34L- RWY34L- RWF from TWY B8; RWY remaining 1059(3474) reduce all DIST by 2903(9524) reduce all DIST by 2120(6955) RWY34L- RWY remaining 1135(3724) reduce all DIST by 2827(9275) RWY remaining 1662(5453) reduce all DIST by 2300(7546)	RWY34L-	TKOF from TWY A5;	RWY remaining 3352(10997) reduce all DIST by 610(2001)				
RWY34L- TKOF from TWY B8; RWY remaining 1842(6043) reduce all DIST by 2120(6955) RWY34L- TKOF from TWY G; RWY remaining 1135(3724) reduce all DIST by 2827(9275) RWY34L- TKOF from TWY K; RWY remaining 1662(5453) reduce all DIST by 2300(7546)							
RWY34L- TKOF from TWY G; RWY remaining 1135(3724) reduce all DIST by 2827(9275) RWY34L- TKOF from TWY K; RWY remaining 1662(5453) reduce all DIST by 2300(7546)	RWY34L-	TKOF from TWY B6;	RWY remaining 1059(3474) reduce all DIST by 2903(9524)				
RWY34L- TKOF from TWY K; RWY remaining 1662(5453) reduce all DIST by 2300(7546)	RWY34L-	TKOF from TWY B8;	RWY remaining 1842(6043) reduce all DIST by 2120(6955)				
······································	RWY34L-	TKOF from TWY G;	RWY remaining 1135(3724) reduce all DIST by 2827(9275)				
RWY34L- TKOF from TWY L; RWY remaining 2626(8615) reduce all DIST by 1336(4383)		TKOF from TWY K;	RWY remaining 1662(5453) reduce all DIST by 2300(7546)				
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