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.

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

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)
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)
RWY07-	TKOF from TWY B;	RWY remaining 1300(4265)	reduce all DIST by 1230(4035)
RWY07-	TKOF from TWY C;	RWY remaining 1146(3760)	reduce all DIST by 1384(4541)
RWY07-	TKOF from TWY G2;	RWY remaining 2397(7864)	reduce all DIST by 133(436)
RWY07-	TKOF from TWY Y;	RWY remaining 2053(6735)	reduce all DIST by 477(1565)
RWY25-	TKOF from TWY B;	RWY remaining 1254(4114)	reduce all DIST by 1276(4186)
RWY25-	TKOF from TWY C;	RWY remaining 1406(4613)	reduce all DIST by 1124(3688)
RWY25-	TKOF from TWY D;	RWY remaining 1865(6119)	reduce all DIST by 665(2182)
RWY25-	TKOF from TWY G4;	RWY remaining 2394(7854)	reduce all DIST by 136(446)
RWY16L-	TKOF from TWY L;	RWY remaining 2277(7470)	reduce all DIST by 161(528)
RWY34R-	TKOF from TWY T5;	RWY remaining 2362(7749)	reduce all DIST by 76(249)
RWY16R-	TKOF from TWY A3;	RWY remaining 1931(6335)	reduce all DIST by 2031(6663)
RWY16R-	TKOF from TWY B10;	RWY remaining 1439(4721)	reduce all DIST by 2523(8277)
RWY16R-	TKOF from TWY B3;	RWY remaining 3330(10925)	reduce all DIST by 632(2073)
RWY16R-	TKOF from TWY B4;	RWY remaining 3139(10298)	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 B8;	RWY remaining 2142(7027)	reduce all DIST by 1820(5971)
RWY16R-	TKOF from TWY F;	RWY remaining 3426(11240)	reduce all DIST by 536(1759)
RWY16R-	TKOF from TWY G;	RWY remaining 2849(9347)	reduce all DIST by 1113(3652)
RWY16R-	TKOF from TWY L;	RWY remaining 1359(4459)	reduce all DIST by 2603(8540)
RWY34L-	TKOF from TWY A5;	RWY remaining 3352(10997)	reduce all DIST by 610(2001)
RWY34L-	TKOF from TWY B10;	RWY remaining 2546(8353)	reduce all DIST by 1416(4646)
RWY34L-	TKOF from TWY B6;	RWY remaining 1059(3474)	reduce all DIST by 2903(9524)
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 L;	RWY remaining 2626(8615)	reduce all DIST by 1336(4383)