

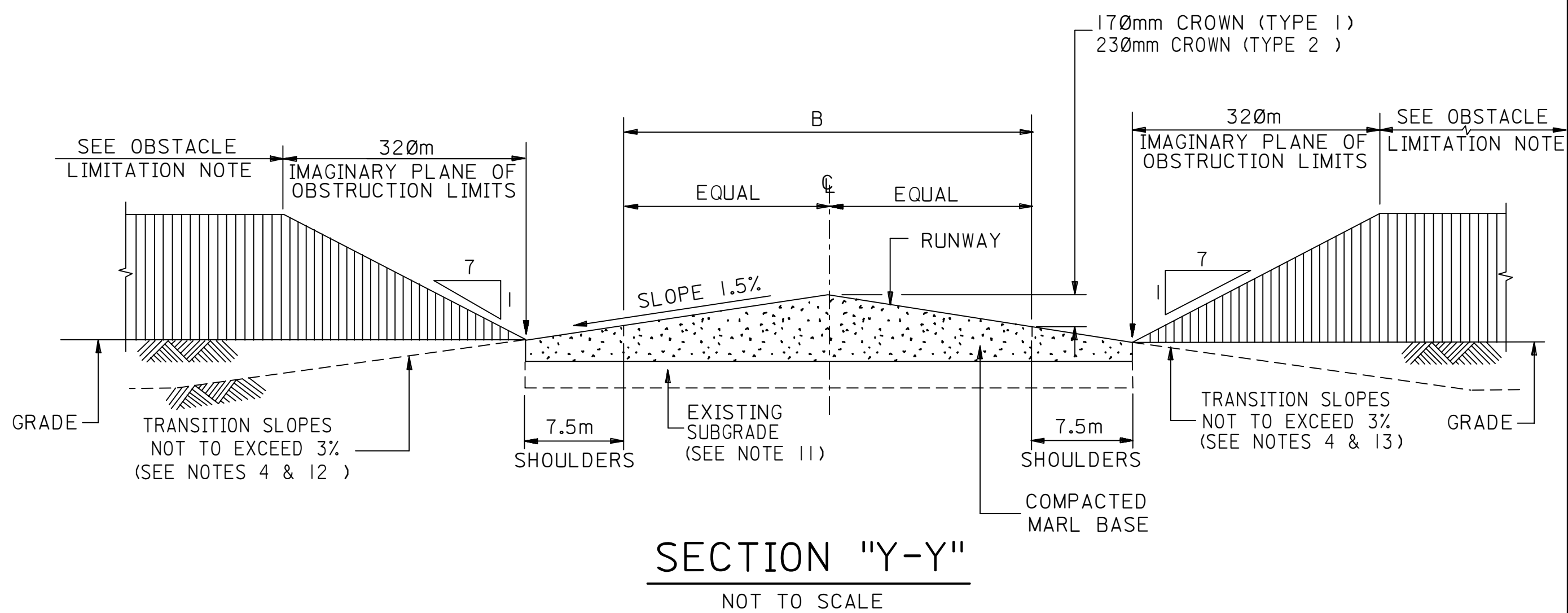
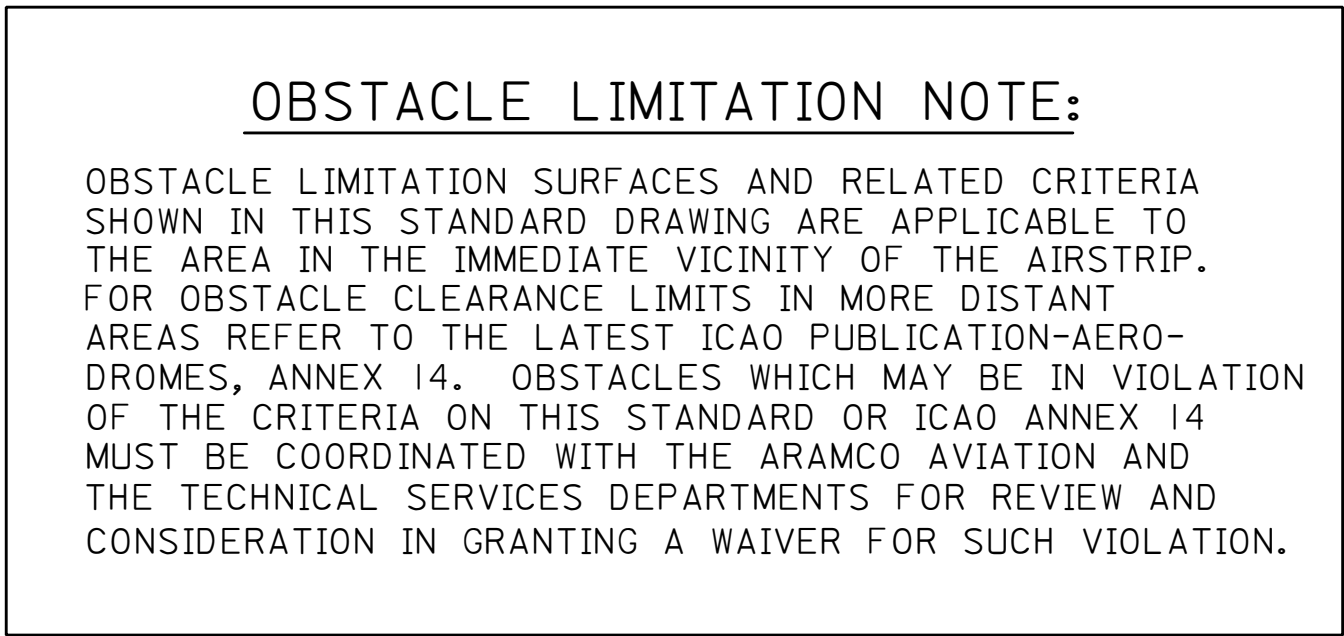


TABLE A

SEE NOTE 3																SEE NOTE 5		SEE NOTE 12		SEE NOTE 7 & 8		SEE NOTE 9		SEE NOTE 6		SEE NOTE 12		SEE NOTE 12	
AIRSTRIPTYPE	AIRPLANETYPES	PREFERREDALIGNMENT (MAG)	DIMENSION			MAX. SLOPE-%		SURFACEMATERIAL RUB AL KHALI AIRSTRIPT ONLY	SURFACEMATERIAL ALL AIRSTRIPT OUTSIDE RUB AL KHALI	MARKINGS	AIRSTRIPT AND PARKING RAMP LIGHTING	LOADING RAMP/SURFACE	VEHICLE PARKING AREA	AIRSTRIPT WIDTH (m)	TRANSITION WIDTH MINIMUM (m)														
			A (m)	B (m)	C (m)	SI OR S2	SLOPE CHANGE																						
1 CODE D & E	DHC-6	160-340	VARIES SEE TABLE B	22.5	60	2	2	COMPACTED NATURAL SAND OR MARL MIN. CBR 10	COMPACTED MARL BASE MIN. CBR 40 MIN. PLAS- TICITY 6	YES	NO	YES / COMPACTED MARL	YES	VARIES SEE TABLE B	11.5 (TYPE E) EACH SIDE 20.5 (TYPE D) EACH SIDE														
2 CODE B	DASH-8	160-340	2,000	30	150	1.00	1.5	COMPACTED NATURAL SAND OR MARL MIN. CBR 10	COMPACTED MARL BASE MIN. CBR 40 MIN. PLAS- TICITY 6	YES	NO	YES / ASPHALT	YES	90	22.5														

NOTES:

1. AVIATION GROUND SUPPORT DIVISION MUST APPROVE AIRSTRIP SITE BEFORE CONSTRUCTION BEGINS
2. AVIATION DEPARTMENT IS THE PROPONENT FOR ALL AVIATION RELATED FACILITIES. AVIATION/GROUND SUPPORT DIVISION MUST INSPECT AND TEST AIRSTRIP BEFORE COMMISSIONING. (GI 1305.000)
3. RUNWAY LENGTH TO BE INCREASED AS NECESSARY TO COMPENSATE FOR ABNORMAL ELEVATIONS, SLOPES OBSTRUCTIONS OR PREVAILING WIND.
4. CLEARWAYS ON EACH END AND SHOULDERS EACH SIDE MUST BE FREE OF BOULDERS AND CONSTRUCTION DEBRIS. TRANSITION SLOPES FROM THE EDGE OF SHOULDERS TO SURROUNDING TERRAIN WILL NOT EXCEED 3%.
5. SLOPE CHANGES SHOULD BE GRADUAL AS PRACTICABLE AND ABRUPT CHANGES OR SUDDEN REVERSALS OF SLOPES SHALL BE AVOIDED. SIGHTING LONGITUDINALLY ALONG THE RUNWAY 2.4m ABOVE THE SURFACE OF EITHER THRESHOLD, A 600mm OBJECT MUST BE VISIBLE ALONG THE ENTIRE RUNWAY.
6. LOADING RAMP SHALL BE PAVED WITH 10CM THICK HOT MIX ASPHALT .
7. AIRSTRIP WILL HAVE DISTANCE TO GO MARKERS READING IN BOTH DIRECTIONS, EVERY 305 m. END MARKERS WILL BE LOCATED AT THE THRESHOLD ON BOTH ENDS OF THE RUNWAY. A 3 m WIDE OIL STRIP WILL OUTLINE THE PERIMETER OF THE AIRSTRIP. A 6 m DIA. OILSTRIP WILL ENCIRCLE THE WINDSOCK LOCATION.
8. DISTANCE TO GO MARKERS SHALL BE CLEARLY VISIBLE WHITE LETTERS ON BLACK BACKGROUND. END MARKERS WILL BE BLACK TRIANGLES WITH A CENTER ORANGE CIRCLE IN ALL DIRECTIONS.
9. INSTALL EMERGENCY FLARES ON SHOULDERS AT 100M INTERVALS FOR NIGHT OPERATIONS (AS DIRECTED BY AVIATION DEPT.) .
10. MATERIALS AND THICKNESS OF BASE AND SUBGRADE OF AIRSTRIP ARE TO BE VERIFIED WITH AVIATION/GROUND SUPPORT DIVISION. THESE REQUIREMENTS ARE RELATED TO TRAFFIC AT THE AIRSTRIP AND TEST RESULTS OF CBR VALUES OF LOCAL MATERIALS.
11. THICKNESS OF STABILIZED SUBGRADE TO BE DETERMINED BY PROJECT ENGINEER AND AVIATION/GROUND SUPPORT DIVISION.
12. THE RUNWAY STRIP WIDTH INCLUDES THE RUNWAY SHOULDERS AND 22.5m OF TRANSITIONAL GRADED AREA.
13. THE LONGITUDINAL SLOPE OF THE CLEARWAY SHALL BE 3% MAX. .
14. TRANSITION WIDTH PERTAINS TO AIRSTRIP WIDTH LESS WIDTH OF RUNWAY AND SHOULDERS.
15. AVIATION/GROUND SUPPORT DIVISION HAS THE RIGHT TO CHANGE OR DELETE THE ABOVE NOTES.
16. RUNWAY SHALL BE PAVED WITH MINIMUM 10CM ASPHALT IF THE AIRSTRIP IS FOR LONG TERM USE TO AVOID FREQUENT MAINTENANCE WHICH MAY AFFECT AIRCRAFT OPERATION .

REFERENCE DRAWINGS	
LIGHTING, EMERGENCY FLARES & MARKERS AIRSTRIP TYPE 1, 2, 3 LAYOUT	AA-036259
WARNING SIGN FOR AIRSTRIPS TYPES 1, 2 & 3.	AB-036258
WINDSOCK POLE ON-SHORE HELIPAD OR AIRSTRIP DETAILS - STRUCTURAL & ELECTRICAL	AA-036247
TYPICAL LOADING RAMP DETAILS RUNWAY, RAMP & TURNAROUND MARKINGS	AD-036784

MANDATORY DRAWING										
04	9/15/5	EDSO MSM	GENERAL REVISION.				TPM	SMN	MHM	
03	NOV93	EDSO RCR	GENERAL REVISION.							
REV. NO.	DATE	BY	JD/EWO	DESCRIPTION				CHKD.	CERT.	APPD.
SAUDI ARABIAN OIL COMPANY										
DRAWN BY _____ CHECKED BY _____ SCALE: AS SHOWN										
DATE STARTED _____ DATE COMPLETED _____										
OPR'D. DEPT. _____ ENG. DEPT. _____										
APP'D. FOR CONST. _____										
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL, UNLESS CERTIFIED AND DATED					CERTIFIED BY _____ DATE _____					
TEMPORARY AIRSTRIPS										
TYPES 1 AND 2										
PLANS, SECTIONS & DETAILS										
STD. DWG.								METRIC		
PLANT NO.		INDEX		DRAWING NUMBER				SHT. NO.		REV. NO.
990		A		AA-036783				001		04