EXISTING NON-STANDARD CONDITIONS

ITEM	AIRCRAFT DESIGN GROUP	STANDARD	NON-STANDARD CONDITION	DISPOSITION
RUNWAY 02 RUNWAY PROTECTION ZONE	C-III	ARPT PROPERTY	RESIDENCE WITHIN RPZ	TO BE ACQUIRED

REVISIONS

No.		Date
1.	2003 AIP AS BUILT	7/6/04

DECLARED DISTANCES

RUNWAY	EXISTING/FUTURE RW 02	EXISTING/FUTURE RW 20	EXISTING/FUTURE RW 07	EXISTING/FUTURE RW 25	EXISTING/FUTURE RW 16	EXISTING/FUTURE RW 34
TAKEOFF RUN AVAILABLE (TORA)	6526'	6526'	4486'/4500'	4486'/4500'	5949'	5949'
TAKEOFF DISTANCE AVAILABLE (TODA)	6526'	6526'	4486'/4500'	4486'/4500'	5949'	5949'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	6526'	6526'	4486'/4500'	4486'/4500'	5949'	5949'
LANDING DISTANCE AVAILABLE (LDA)	6526'	6526'	4486'/4500'	4486'/4500'	5949'	5949'

BUILDING LEGEND

#	DESCRIPTION	ELEVATION	#	DESCRIPTION	ELEVATION	#	DESCRIPTION	ELEVATION
1.	UNIT HANGAR	1233'	137.	STORAGE	1227'	315.	STORAGE	1224'
2.	UNIT HANGAR	1237'	139.	CRASH/RESCUE	1215'	316.	STORAGE	1223'
2b.	UNIT HANGAR	1237'	152.	EMERGENCY GENERATOR	1208'	321.	MFG. WAREHOUSE	1229'
3.	UNIT HANGAR	1236'	162.	STORAGE	1229'	322.	MFG. WAREHOUSE	1234'
4.	UNIT HANGAR	1236'	166.	OFFICE	1244'	325.	OFFICES	1230'
4b.	UNIT HANGAR	1236'				330.	MAINTENANCE SHOP	1222'
5.	UNIT HANGAR	1235'						
5b.	UNIT HANGAR	1235'						
6.	UNIT HANGAR	1234'	201.	WAREHOUSE	1226'			
13.	BOILER ROOM	1216'	202.	MFG./WAREHOUSE	1225'	400.	OFFICES	1211'
17.	EMERGENCY GENERATOR	1221'	204.	WAREHOUSE	1223'	408.	MFG. SHOP	1222'
19.	BUILDING	1240'	206.	WAREHOUSE	1225'	409.	MFG. /OFFICE	1214'
20.	OFFICE	1238'	207.	WAREHOUSE	1225'	411.	MFG. SHOP	1226'
22.	STORAGE BUNKER	1238	208.	WOOD SHOP	1223'	412.	STORAGE	1221'
23.	STORAGE BUNKER	1238'	209.	WAREHOUSE	1229'	413.	RETAIL STORE	1223'
24.	STORAGE BUNKER	1238'	210.	MFG./WAREHOUSE	1229'	422.	UPHOLSTERY SHOP	1219'
26-34.	STORAGE BUNKER	1238'	212-216.	MAINTENANCE SHOP	1233'	424.	WAREHOUSE	1216'
1-10.	T-HANGARS	1195'	217.	MAINTENANCE SHOP	1228'	426.	STUDIO	1219'
11-20.	T-HANGARS	1195'	218.	MAINTENANCE SHOP	1228'	427.	SHOP/STORAGE	1220'
21-30.	T-HANGARS	1197'	224.	MAINT. SHOP/OFFICE	1239'	431.	RETAIL STORE	1223'
31-35.	T-HANGARS	1197'	225.	WAREHOUSE	1241'	432.	WAREHOUSE	1229'
			229.	SHOP/STORAGE	1217'	434.	AUTO SHOP	1223'
45-52.	T-HANGARS	1197'	230.	OFFICES	1213'	436.	OFFICES	1232'
100.	T-HANGARS 53-64	1218'	231.	MAINTENANCE SHOP	1213'	439.	WAREHOUSE OFFICE	1233'
101.	MAINT. HANGAR	1240'	232.	STORAGE	1224'	505.	OFFICES	1234'
102.	AVIATION HANGAR	1238'	233.	LUMBER STORAGE	1230'	506.	WAREHOUSE	1233'
103.	STORAGE	1224'	237.	WAREHOUSE/OFFICE	1218'	507.	MFG. PROCESSING	1234'
104.	AVIATION HANGAR	1221'	239.	WAREHOUSE	1227'	508.	AUTO SHOP	1228'
110.	CONTROL TOWER	1267'	254.	SHOP	1215'	513.	AUTO SHOP	1228'
112.	AVIATION HANGAR	1230'	301.	STORAGE ROOMS	1238'	514.	FOOD SERVICE	1230'
114.	MANUFACTURING CO.	1235'	302.	STORAGE ROOMS	1238'	515.	OFFICE	1236'
116.	AVIATION HANGAR	1227'	303.	STORAGE ROOMS	1240'	516.	WAREHOUSE	1230'
117a.	AIR TERMINAL	1209'	304.	STORAGE ROOMS	1241'	517.	WAREHOUSE	1236'
117b.	OLD TERMINAL	1209'	305.	STORAGE	1233'	524.	WAREHOUSE	1245'
118.	AVIATION HANGAR	1227'	306.	STORAGE	1235'	525.	WAREHOUSE	1248'
119.	SHOP (MAINTENANCE)	1206'	307.	WAREHOUSE/STUDIO	1237'	526.	WAREHOUSE	1248'
120.	OFFICE/WAREHOUSE	1212'	308.	STORAGE	1222'	527.	OFFICE/STUDIO	1250'
			309.	STORAGE	1230'	528.	WAREHOUSE	1248'
123.	UNITED PARCEL	1242'	310.	STORAGE	1223'	529.	STORAGE	1246'
124.	OFFICE/WAREHOUSE	1224'	311.	STORAGE	1229'	530.	STORAGE	1243'
125.	SNOW PLOW/SHOP	1233'	313.	STORAGE	1224'	550.	OFFICE P. P. & L.	1258'
128.	STORAGE	1204'	314.	STORAGE	1224'			

(TBR) TO BE REMOVED

F1. FUTURE T-HANGAR
F2. FUTURE T-HANGAR
F3. FUTURE EXEC. HANGAR
F4. FUT. MNT/TIE/CARGO HANGAR

RUNWAY DATA

	RUNWAY 02/20 EXISTING	RUNWAY 02/20 FUTURE	RUNWAY 07/25 EXISTING	RUNWAY 07/25 FUTURE	RUNWAY 16/34 (TO BE CLOSED) EXISTING	RUNWAY 16/34 (TO BE CLOSED) FUTURE
RUNWAY WIDTH AND LENGTH	150 X 6526'	SAME	150' X 4486'	100' X 4500'	150' X 5949'	SAME
RUNWAY MARKING	NON-PREC/PREC.	SAME	VISUAL	NON-PREC/NON-PREC	VISUAL	SAME
RUNWAY LIGHTING	HIRL	SAME	NONE	MIRL	MIRL	MIRL
APPROACH VISIBILITY MINIMUMS	1 MILE/<1/4 MILE	SAME	VISUAL/VISUAL	1-MILE/1-MILE	1 MILE/VISUAL	SAME
RUNWAY SAFETY AREA	RW02 500' X 1000' RW20 500' X 1000'	SAME SAME	RW07 500' X 1000' RW25 500' X 1000'	RW07 300' X 600' RW25 300' X 600'	RW16 500' X 1000' RW34 500' X 350'	SAME RW34 500' X 1000'
RUNWAY OBJECT FREE AREA RWY,MALSR-SFL,PAPI,REIL	RW02 800' X 1000' RW20 800' X 1000'	SAME SAME	RW07 800' X 1000' RW25 800' X 1000'	RW07 800' X 600' RW25 800' X 600'	RW16 800' X 1000' RW34 800' X 350'	SAME RW34 800' X 1000'
RUNWAY OBSTACLE FREE ZONE *	400' X 200'	SAME	250' X 200'	SAME	250' X 200'	SAME
THRESHOLD SITING CRITERIA	NO PENETRATIONS	SAME	NO PENETRATIONS	SAME	NO PENETRATIONS	SAME
FAR PART 77 CATEGORY	D/PIR	SAME	B/B	SAME	C/B	SAME
INSTRUMENT RUNWAY	02 & 20	SAME	NO	07 & 25	16	SAME
NAVIGATIONAL AIDS	VOR,ILS,NDB,GPS	GPS	NONE	GPS	VOR	SAME
VISUAL LANDING AIDS	RWY,MALSR-SFL,PAPI,REIL	MALSR-SFL,PAPI,REIL TDZ, EDGE & LIGHTS	NONE	PAPI, REILS	NONE	SAME
PART 77 APPROACH SURFACES	34:1/50:1	SAME	20:1/20:1	34:1/34:1	34:1/20:1	SAME
PAVEMENT STRENGTH (IN 1000 LBS.)	75d	SAME	40s/55d/105dt	SAME	40s/55d/105dt	SAME
PAVEMENT TYPE	A.C.	SAME	P.C.C.	SAME	P.C.C.	SAME
EFFECTIVE RUNWAY GRADIENT %	0.64	SAME	1.3	SAME	0.29	SAME
TOUCHDOWN ZONE ELEVATIONS	1175.7'/1195.3'	SAME	1164.4'/1184.5'	SAME	1139.6'/1145.8'	SAME
% WIND COVERAGE (16/10.5 KNOTS)	99.06/96.37	SAME	97.79/87.21	SAME	99.51/95.35	SAME
AIRPORT REFERENCE CODE	C-III	C-III	C-III	B-III	C-III	C-III
RUNWAY LINE-OF-SIGHT	Criteria met	SAME	Criteria met	SAME	Criteria met	SAME
CRITICAL AIRCRAFT	GULFSTREAM III LEAR 25 BOMBARDIER DHC-8	SAME	BEECH SUPER KING AIR GULFSTREAM III LEAR 25 BOMBARDIER DHC-8	BEECH SUPER KING AIR BOMBARDIER DHC-8	GULFSTREAM III LEAR 25 BOMBARDIER DHC-8	SAME

(*) NO OBSTACLE FREE ZONE PENETRATIONS

LAYOUT PLAN LEGEND

ITEM	EXISTING	FUTURE
35' STRUCTURE HEIGHT BUILDING RESTRICTION LINE	BRL	BRL
AIRPORT PROPERTY LINE		
FENCE	X	XX
AVIGATION EASEMENT		
RUNWAY PROTECTION ZONE		
BUILDINGS		
AIRFIELD PAVEMENT		
FUEL STORAGE	F	F
BEACON		
LIGHTED WIND CONE & SEGMENTED CIRCLE		
RUNWAY SAFETY AREA	RSA	RSA
RUNWAY OBJECT FREE AREA	ROFA	ROFA
DEVELOPMENT AREA		
RUNWAY CLOSED		

AIRPORT DATA

ITEM	EXISTING	FUTURE
AIRPORT ELEVATION (AMSL)	1190.8'	1190.8'
AIRPORT REFERENCE POINT (ARP)	LAT 46° 05' 41.25" LON. 118° 17' 20.44"	LAT 46° 05' 41.24" LON. 118° 17' 20.43"
MEAN MAX. TEMP. HOTTEST MONTH	88.6°F	SAME
AIRPORT PROPERTY (ACRES)	APPROX 2240	APPROX 2240
UNICOM (MHz)		
NPIAS CATEGORY	PRIM. COM. SRVS.	SAME
CONTROL TOWER (MHz)		
TAXIWAY LIGHTING	MITL	SAME
TAXIWAY MARKING	CENTERLINE	SAME

NOTES

1. This drawing should not be used as a standard for planning or design.
2. Lat./Lon. coordinate information taken from NOS OC 440, Walla Walla Regional Airport, Walla Walla, WA. NAD 83 horizontal datum.
3. Future threshold location lat./lon. were calculated using GEODES calculator V2.52.
4. Magnetic declination obtained from USGS online computer "GeoMag."
5. Building elevations determined by Photogrammetric Data Services, Eugene, OR.

SPONSOR APPROVAL _____ DATE _____ FEDERAL AVIATION ADMINISTRATION _____ DATE _____

WALLA WALLA REGIONAL AIRPORT
WALLA WALLA, WASHINGTON

AIRPORT LAYOUT PLAN

Barnard Dunkelberg & Company
Tulsa, Oklahoma

FIGURE NUMBER
METRIC SCALE
SCALE 1" = 500'
DATE JULY, 2002
DRAWING NUMBER 1 OF 13