



RUNWAY DATA TABLE		
RUNWAY 6/24		
RUNWAY DATA	EXISTING	ULTIMATE
EFFECTIVE GRADIENT (%)	0.41%	0.41%
MAX. ELEVATION (MSL)	373.95'	380.88'
RUNWAY LENGTH	4,479'	6,200'
RUNWAY WIDTH	150'	SAME*
SURFACE TYPE	ASPH	SAME
PAVEMENT STRENGTH		
SINGLE WHEEL	25,000 lbs.	SAME
APPROACH SURFACE SLOPE (REQUIRED/CLEARED)	34:1 / 34:1	SAME
APPROACH MINIMUMS*	1 MILE / 1 MILE	SAME
RUNWAY LIGHTING	MIRL	SAME
RUNWAY MARKING	NPI	SAME
AIRPORT REFERENCE CODE (ARC)	KTDO	SAME
CRITICAL AIRCRAFT	AERO COMMANDER 690	KING AIR
RUNWAY OBJECT FREE AREA (ROFA)		
LENGTH BEYOND RUNWAY	300'	SAME
WIDTH	500'	SAME
RUNWAY SAFETY AREA (RSA)		
LENGTH BEYOND RUNWAY	300'	SAME
WIDTH	150'	SAME
OBJECT FREE ZONE (OFZ)	250'	SAME
FAR PART 77 CATEGORY	NPI - C / NPI - C	SAME
RUNWAY END COORDINATES (NAD 83)		
RUNWAY 6		
LATITUDE	N 46°28.53'	SAME
LONGITUDE	W 122°48.90'	SAME
RUNWAY 6 DISPLACED		
LATITUDE	N/A	N 46° 28.55'
LONGITUDE	N/A	W 122°48.81'
RUNWAY 24		
LATITUDE	N 46°28.73'	N 46°28.81'
LONGITUDE	W 122°47.88'	W 122°47.48'

RUNWAY END ELEVATIONS (MSL)	355.5' / 374'	355.5' / 380.88'
DISPLACED THRESHOLD ELEVATION (MSL)	N/A / N/A	357.02' / N/A
TDZ ELEVATION (MSL)		
LINE OF SIGHT VIOLATIONS	N/A	SAME
TAKE OFF RUN AVAILABLE (TORA)	4,479' / 4,479'	6,200' / 6,200'
TAKE OFF DISTANCE AVAILABLE (TODA)	4,479' / 4,479'	6,200' / 6,200'
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	4,479' / 4,479'	6,200' / 6,200'
LANDING DISTANCE AVAILABLE (LDA)	4,479' / 4,479'	5,821' / 6,200'
TAXIWAY SAFETY AREA (TSA) WIDTH	79'	SAME
TAXIWAY OBJECT FREE AREA (TOFA) WIDTH	131'	SAME
BUILDING RESTRICTION LINE (BRL)		
HEIGHT AT BRL	12'	SAME
DISTANCE FROM RUNWAY CENTERLINE	334'	SAME
OBSTRUCTIONS	NONE	SAME
APPROACH/DEPARTURE SURFACES	CLEAR	CLEAR

*NOTE: LEWIS COUNTY CHOSE TO MAINTAIN A RUNWAY WIDTH OF 150'.

DESCRIPTION	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE	PL	PL
ON-AIRPORT BUILDING	[Hatched]	[Hatched]
HANGARS	[Hatched]	[Hatched]
DRAINAGE FEATURES	[Hatched]	[Hatched]
OBJECT FREE AREA	OFA (E)	OFA (U)
OBJECT FREE ZONE	OFZ (E)	OFZ (U)
RUNWAY SAFETY AREA	RSA (E)	RSA (U)
BUILDING RESTRICTION LINE	BRL	BRL
RUNWAY PROTECTION ZONE	RPZ (E)	RPZ (U)
CONTOURS	300	300
SECURITY FENCING	[Hatched]	[Hatched]
AVIGATION/ACQUISITION EASEMENTS/TO BE ACQUIRED	[Hatched]	[Hatched]
AIRFIELD PAVEMENT	[Hatched]	[Hatched]
ROAD PAVEMENT	[Hatched]	[Hatched]
VEHICULAR PARKING	[Hatched]	[Hatched]
PAVEMENT REMOVAL	[Hatched]	[Hatched]
VASI	[Hatched]	[Hatched]
PAPI	[Hatched]	[Hatched]
AIRPORT REFERENCE POINTS	[Hatched]	[Hatched]
WINDCONE	[Hatched]	[Hatched]
SAC/PAC	[Hatched]	[Hatched]

COUNTY MAY ACQUIRE AVIG. EASEMENTS OR ALTERNATIVELY PURCHASE AS FEE SIMPLE PARCELS

AIRPORT DATA		
AIRPORT DATA	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	374'	380.88'
AIRPORT REFERENCE POINT (NAD 83)		
LATITUDE	N46°28'38.03"	N46°28'40.70"
LONGITUDE	W122°48'22.23"	W122°48'08.99"
MEAN MAX TEMPERATURE OF HOTTEST MONTH	78.9 °F	78.9 °F
AIRPORT TERMINAL AREA NAVAIDS	BEACON RY 6 VASI RY 24 PAPI WIND CONE (3)	BEACON RY 6 PAPI SAME SAME
MAGNETIC VARIATION	15°57'40" E	
DATE OF MAGNETIC VARIATION	7/1/2014	
NPIAS SERVICE LEVEL	GENERAL AVIATION	SAME
STATE SERVICE LEVEL	COMMUNITY SERVICE	SAME
WIND COVERAGE CROSSWIND COMPONENT		
ALL WEATHER	95.71%	SAME
AIRPORT REFERENCE CODE	B-I	B-II
DESIGN AIRCRAFT	AERO COMMANDER 690	KING AIR
TAXIWAY LIGHTING	REFLECTOR	SAME
TAXIWAY MARKING	CENTERLINE	SAME
CTAF FREQUENCY	122.90	SAME

- NOTES**
- THIS DRAWING REFLECTS PLANNING STANDARDS SPECIFIC TO THIS AIRPORT, AND IS NOT A PRODUCT OF DETAILED ENGINEERING DESIGN ANALYSIS. IT IS NOT INTENDED TO BE USED FOR CONSTRUCTION DOCUMENTATION OR NAVIGATION.
 - TOPOGRAPHIC INFORMATION OBTAINED FROM USGS 7.5 MINUTE SURVEY MAPS, "TOLEDO, WASHINGTON" 2013, "EDEN VALLEY, WASHINGTON" 2013, "WINLOCK, WASHINGTON" 2013, "ONALASKA, WASHINGTON" 2013, "JACKSON PRAIRIE, WASHINGTON" 2013 & "NAPAVINE, WASHINGTON" 2014.
 - ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL (MSL) AT TOP OF OBJECT. TRAVERSEWAY ELEVATIONS DO NOT INCLUDE TRAVERSE WAY ADJUSTMENT (17' FOR INTERSTATE HIGHWAYS AND 15' FOR OTHER PUBLIC ROADS).
 - PLEASE REFER TO TERMINAL AREA DRAWING FOR BUILDING LEGEND.

DECLARED DISTANCES				
	RUNWAY 6		RUNWAY 24	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
TAKEOFF RUN AVAILABLE (TORA)	4,479'	6,200'	4,479'	6,200'
TAKEOFF DISTANCE AVAILABLE (TODA)	4,479'	6,200'	4,479'	6,200'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	4,479'	6,200'	4,479'	6,200'
LANDING DISTANCE AVAILABLE (LDA)	4,479'	5,821'	4,479'	5,821'

- MODIFICATIONS TO STANDARDS**
- EXISTING ROFA WIDTH IS BELOW STANDARD DUE TO AIRCRAFT TIEDOWNS LOCATED BETWEEN RUNWAY 6 AND PARALLEL TAXIWAY AT 300' FROM THE RUNWAY CENTERLINE. REQUEST MODIFICATION TO STANDARD UNTIL SUCH TIME AS ULTIMATE APRON AND TIEDOWNS CAN BE CONSTRUCTED ON THE SOUTH SIDE OF THE FIELD OR ON ULTIMATE LAND ACQUIRED EAST OF THE EXISTING FLIGHTLINE. A TOTAL OF 10 TIEDOWNS ARE REQUIRED TO REPLACE EXISTING TIEDOWNS.
 - HANGARS 1, 2, 5, AND 10 ON THE NORTH SIDE OF THE FIELD ARE WITHIN THE TAXIWAY OFA. STANDARD TOFA IS 131'. ACTUAL TOFA IS 110'. REQUEST MODIFICATION TO STANDARD.

APPROVAL BLOCK	
Signatures	
AIRPORT SPONSOR:	
Signature	Date
FEDERAL AVIATION ADMINISTRATION:	
Signature	Date

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REVISIONS	NO.	BY	DATE	REMARKS

SHEET INFO	DESIGNED	DRAWN	CHECKED	APPROVED	LAST EDIT	PLOT DATE	SUBMITTAL
					11/17/2014	11/17/2014	

AIRPORT LAYOUT PLAN

LEWIS COUNTY
ED CARLSON MEMORIAL FIELD

PROJECT NUMBER 037379
DRAWING FILE NAME 037379-C-AL01

SCALE AS NOTED

SHEET NUMBER 2