

EXISTING	ULTIMATE(U)
RUNWAY 16/34	
— LENGTH	3,000'
— WIDTH	2570'
EFFECTIVE RUNWAY GRADIENT (IN %)	0.2%
MAX. GRADE ON RUNWAY (IN %)	+1.87%
RUNWAY OPERATIONAL SURFACES	ASPHALT
PAVEMENT STRENGTH(SINGLE WHEEL)	12,500
APPROACH VISIBILITY MINIMUMS	VIS. MIN. ≥ 1 MI.
RUNWAY LINE-OF-SIGHT	IS NOT MET
PART 77 APPROACH SLOPE-16	20:1
PART 77 APPROACH SLOPE-34	10.6:1
VISUAL APPROACH AIDS	NONE
INSTRUMENT APPROACH AIDS	NONE
RUNWAY LIGHTING	MIRL
RUNWAY MARKING	BASIC
RUNWAY DESIGN REFERENCE CODE	A-1 *
CRITICAL AIRCRAFT	CESSNA 182
RUNWAY SAFETY AREA (RSA) DIMENSIONS	
— WIDTH	120'
— LENGTH	3280'
OBJECT FREE AREA (OFA) DIMENSIONS	
— WIDTH	200'
— LENGTH	3280'
OBSTACLE FREE ZONE (OFZ) DIMENSIONS	
— WIDTH	200'
— LENGTH	250'
RUNWAY COORDINATE DATA	
RUNWAY 16 END (NAD 83) (91)	LONG. W122°15'24.18" LAT. N46°52'03.21"
RUNWAY 34 END (NAD 83) (91)	LONG. W122°15'27.76" LAT. N46°52'05.47"

EXISTING	ULTIMATE(U)	EDGE OF PAVEMENT
⊕	⊕	USGS MONUMENT
⊙	⊙	AIRPORT BEACON
⊖	⊖	WIND CONE INDICATOR
—	—	SECTION CORNER AND LINE
—	—	CONTOUR
—	—	BUILDINGS
—	—	AIRCRAFT TIE-DOWNS
—	—	RUNWAY THRESHOLD LIGHTS
—	—	AIRPORT REFERENCE POINT (ARP)
—	—	DITCH OR WATERWAY
—	—	RUNWAY OBJECT FREE AREA(RUFA)
—	—	OBSTACLE FREE ZONE (OFZ)
—	—	RSA
—	—	RUNWAY SAFETY AREA (RSA)
—	—	RUNWAY PROTECTION ZONE (RPZ)
—	—	BUILDING RESTRICTION LINE (BRL)
—	—	PROPERTY LINE (PL)
—	—	EASEMENT

EXISTING	ULTIMATE(U)
RUNWAY 16	34
TORA	2770'
TODA	3000'
ASDA	2800'
LDA	2800'

EXISTING	ULTIMATE(U)
AIRPORT ELEVATION (NAD 88)	844.9'
AIRPORT REFERENCE POINT (ARP) COORDINATES NAVD88	LONG. W122°15'26" LAT. N46°52'18"
TERMINAL/AIRPORT NAVIGATION AIDS	VFR
NORMAL MAX. TEMPERATURE, HOTTEST MONTH	76.0° F.
AIRPORT FUNCTIONAL ROLE (NON-NIPAS)	N/A
TAXIWAY LIGHTING	N/A
TAXIWAY MARKING	N/A
MAGNETIC DECLINATION (04/10/2007)	17°12' E
AIRPORT REFERENCE CODE (ARC)	A-1

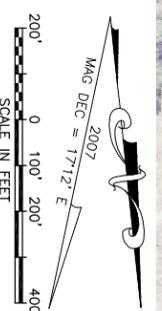
DESCRIPTION	STANDARD EXISTING CONDITION	PROPOSED DISPOSITION
RUNWAY WIDTH	60'	WIDEN R/W & RE-GRADE
RUNWAY OBJECT FREE AREA	250'	REW/RELOCATE HANGARS
RUNWAY 34 APPROACH	20:1	DISPLACE THRESHOLD 230'
RUNWAY 16 SAFETY AREA	240'	DISPLACE THRESHOLD 200'
RUNWAY 16 APPROACH	20:1	TRIM/CLEAR TREES

#	NUMBER	SIZE & USE	OWNERSHIP	ROOF PEAK ELEV.
1	1	60X100 HANGAR	PRIVATE	862.47**
2	2	48X48 HANGAR	PRIVATE	858.77**
3	3	54X54 HOUSE	PRIVATE	858.47**
4	4	48X48 HANGAR	PRIVATE	862.47**
5	5	50X50 HANGAR	PRIVATE	863.17**
6	6	41X30 HANGAR	PRIVATE	862.77**

ELEVATIONS SHOWN IN TABLE ARE SHOWN PER NAVD88. CORRESPONDING STRUCTURE ELEVATIONS SHOWN IN PLAN VIEW ARE RECORDED PER NAVD29 DATUM.

GENERAL NOTES

- HORIZONTAL DATUM: THE OVERALL HORIZONTAL DATUM FOR THIS PROJECT IS NAD 83(91). WASHINGTON COORDINATE SYSTEM SOUTH ZONE, BASED ON THE PUBLISHED COORDINATE VALUES OF WSDOT MONUMENT #4214 AND PIERCE COUNTY MONUMENT #352 AS PUBLISHED ON THE WSDOT WEBSITE AND THE WASHINGTON COUNCIL OF COUNTY SUPERVISORS WEBSITE DURING APRIL, 2007.
- VERTICAL DATUM: THE VERTICAL DATUM FOR THIS PROJECT IS NAVD 88 REFERENCED FROM THE WSDOT MONUMENT #4214 AS PUBLISHED ON THE WSDOT WEBSITE DURING APRIL, 2007 WITH AN ELEVATION OF 787.38'. RECORD SURVEYS REFERENCING NAVD29 DATUM WERE ALSO USED TO PRODUCE THESE DRAWINGS. NAVD29 ELEVATION VALUES WERE ADJUSTED +3.47' TO NAVD88 DATUM. ELEVATION ADJUSTMENT PER ARMY CORPS OF ENGINEERS SOFTWARE CORPSON V6.0.
- MAGNETIC DECLINATION: DECLINATION ON SITE AS OF APRIL 10, 2007 IS 17°12' EAST PER NOAA GEOPHYSICAL DATA CENTER WEBSITE.
- WIND OBSERVATIONS ARE NOT AVAILABLE.
- EXISTING BUILDING ELEVATIONS WERE OBTAINED FROM RECORD AIRPORT AREA SURVEYS. ELEVATIONS ARE DISPLAYED REFERENCING NAVD29 DATUM UNLESS OTHERWISE NOTED ON PLAN.
- LIMITED TITLE RESEARCH AND NO PROPERTY SURVEYS WERE CONDUCTED AS PART OF THIS PLAN. ALL PROPERTY BOUNDARIES SHOWN WERE EITHER OBTAINED FROM TOWN OF EATONVILLE GIS, RECORD AIRPORT AREA SURVEYS, AND UNRECORDED PRELIMINARY PLANS. THEREFORE THIS PLAN DOES NOT PURPORT TO SHOW ALL EASEMENTS OR RESTRICTIONS OF RECORD, IF ANY. THE ENGINEER DOES NOT WARRANT ANY WAY THE LEGAL ACCURACY OF ANY PROPERTY BOUNDARIES DERIVED IN THIS PLAN.
- PROPOSED DEVELOPMENT PLAN OBTAINED FROM DEVELOPER BY TOWN OF EATONVILLE PLANNING DEPARTMENT.
- SEE AIRPORT LAND USE DRAWING FOR PARCELS SELECTED AS OPTIONAL LOCATIONS FOR AIRCRAFT TIEDOWN FACILITIES.



NO.	DATE	BY	DESCRIPTION
1			
2			
3			
4			
5			

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SWANSON FIELD
 EATONVILLE, WASHINGTON
 AIRPORT LAYOUT PLAN (ALP)

* SMALL AIRCRAFT

DESIGNED: _____
 TBL
 DESIGN CHECKED: _____
 LMB/RJG
 DETAILED: _____
 TBL
 DRAWING CHECKED: _____
 RJG
 FILE NAME: _____
 DATE: _____
 DRAWING DATE: _____
 10 / 12 / 2009
 DRAWING SCALE: _____
 AS SHOWN
 SHEET 1 OF 6

APPROVED BY: _____
 WSDOT AVIATION
 DATE: _____