


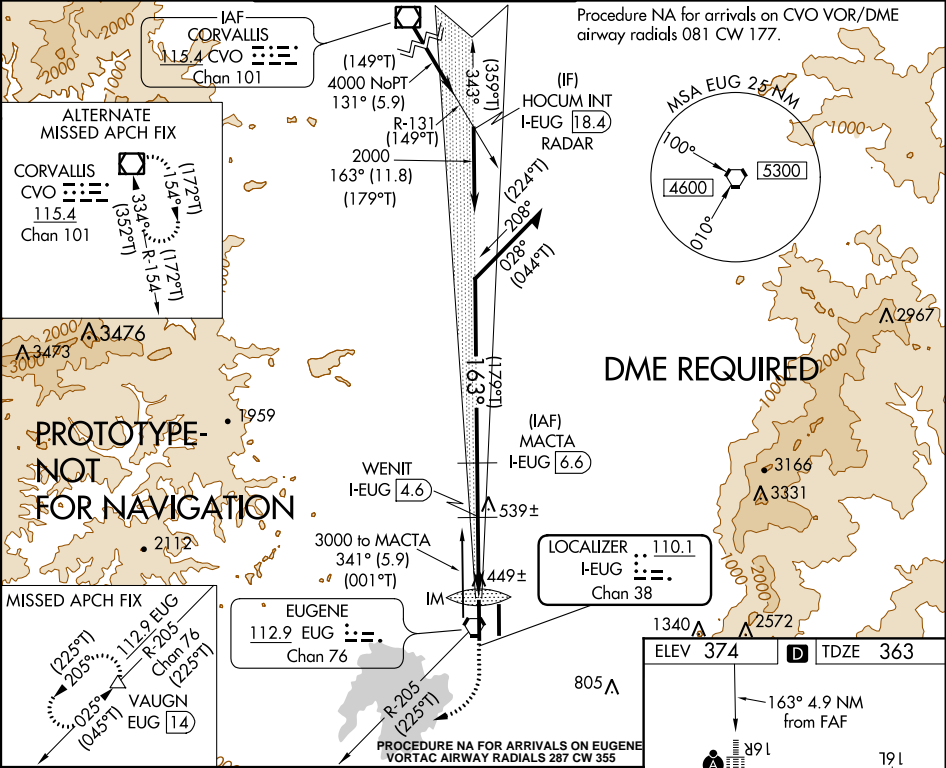
<b>Flight Procedure Tracking Form</b>		<b>Action:</b> FLIGHT CHECK	<b>Task Type:</b> IAP	<b>Date Open:</b> 09/08/2014	<b>Task #:</b> 2014090832717201001	<b>Request #:</b> 20140908327172
<b>Procedure:</b> ILS OR LOC RWY 16R AMDT 37			<b>Airport ID:</b> KEUG	<b>Airport:</b> MAHLON SWEET FIELD		<b>Reimbursable #:</b> NO
<b>City:</b> EUGENE	<b>ST:</b> OR	<b>GPS #:</b>	<b>Estimated Chart Date:</b> 09/15/2016		<b>FICO #:</b>	
<b>Fac ID:</b> EU		<b>Fac. Type:</b> ILS			<b>Specialist:</b> RONALD SALPINO	
<b>Procedure Review</b>						
	<b>Rec'd</b>	<b>Rel'd</b>	<b>Full Name</b>	<b>Comments</b>		
<b>Lead:</b>	/16/2015			QUALITY		
<b>QA:</b>		08/15/2016	Boyd L Stuckey	11		
<b>Liaison:</b>				CHECKED		
<b>Procedure Comments:</b>			ENROUTE-NON	<b>Remark Type:</b> INFORMATION		
CONTACT: BEVERLY BORDY, 405-954-8293 <div style="text-align: right;">  </div>						

LOC/DME I-EUG <b>110.1</b> Chan <b>38</b>	APP CRS <b>163°</b>	Rwy Idg TDZE Apt Elev	<b>8009</b> <b>363</b> <b>374</b>
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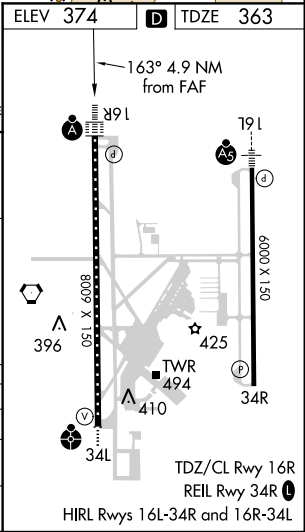
ILS or LOC RWY 16R  
MAHLON SWEET FIELD (EUG)

DME required.		MISSED APPROACH: Climb to 1000 then climbing right turn to 5000 on heading 230° and EUG VORTAC R-205 to VAUGN/ EUG 14 DME and hold, continue climb-in-hold to 5000.
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ATIS <b>125.225</b>	CASCADE APP CON <b>119.6 348.7</b>	EUGENE TOWER ★ <b>118.9</b> (CTAF) <b>371.9</b> (Rwy 16R/34L) <b>124.15 371.9</b> (Rwy 16L/34R)	GND CON <b>121.7 269.5</b>	CLNC DEL <b>121.7 269.5</b>	UNICOM <b>122.95</b>
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CATEGORY	A		B		C		D	
			2 NM		0.7		0.2	
	S-ILS 16R		563/18 200 (200-½)					
	S-LOC 16R		700/24 337 (400-½)		700/26 337 (400-¾)			
CIRCLING	800-1 426 (500-1)		840-1 466 (500-1)		840-1½ 466 (500-½)		1100-2¼ 726 (800-2¼)	

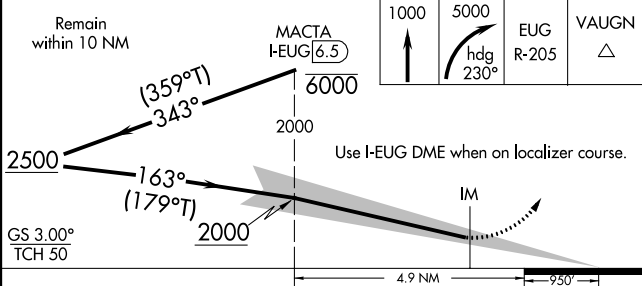
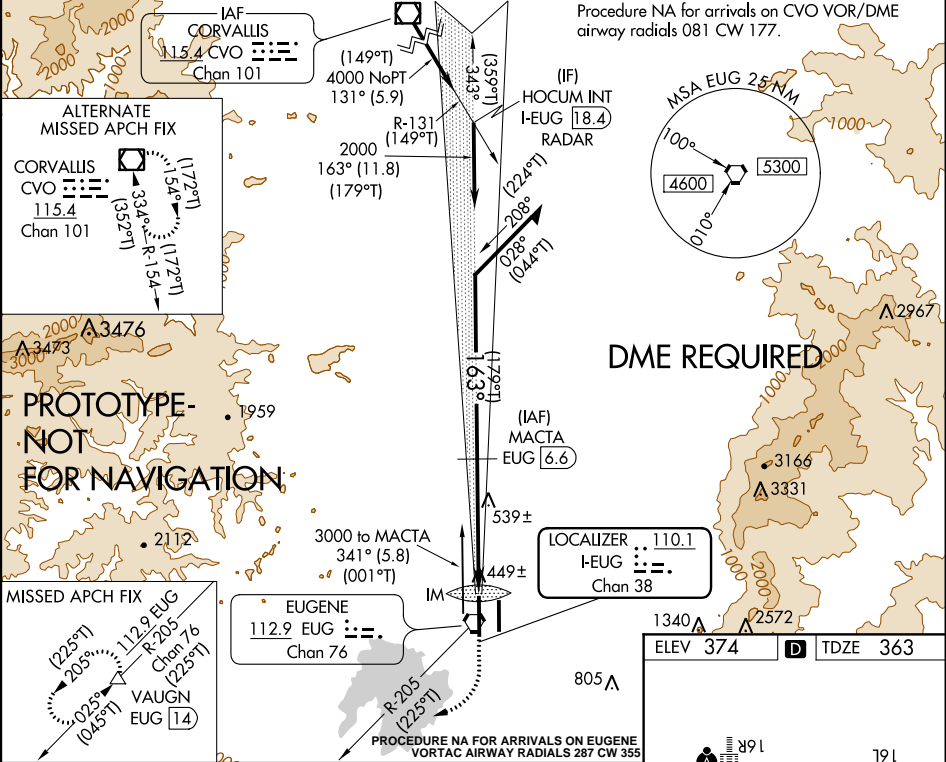


LOC/DME I-EUG <b>110.1</b> Chan <b>38</b>	APP CRS <b>163°</b>	Rwy Idg <b>8009</b> TDZE <b>363</b> Apt Elev <b>374</b>
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ILS RWY 16R (SA CAT I)  
MAHLON SWEET FIELD (EUG)

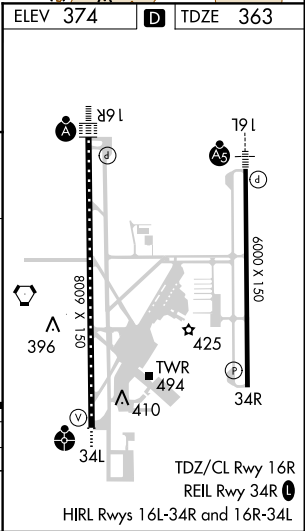
 DME required. SA Cat I Minimums NA when control tower closed.	 ALSF-2	MISSED APPROACH: Climb to 1000 then climbing right turn to 5000 on heading 230° and EUG VORTAC R-205 to VAUGN/ EUG 14 DME and hold, continue climb-in-hold to 5000.
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ATIS <b>125.225</b>	CASCADE APP CON <b>119.6 348.7</b>	EUGENE TOWER ★ <b>118.9</b> (CTAF) <b>371.9</b> (Rwy 16R/34L) <b>124.15 371.9</b> (Rwy 16L/34R)	GND CON <b>121.7 269.5</b>	CLNC DEL <b>121.7 269.5</b>	UNICOM <b>122.95</b>
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CATEGORY	A	B	C	D
S-ILS 16R	CAT I	RA 164/14 150	DA 513	

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

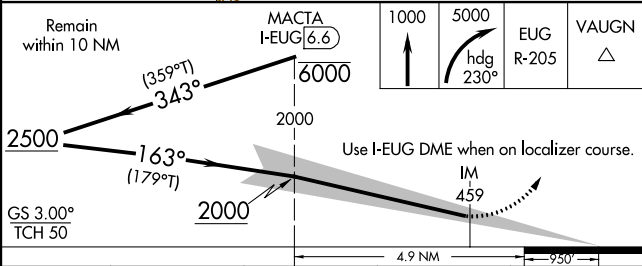
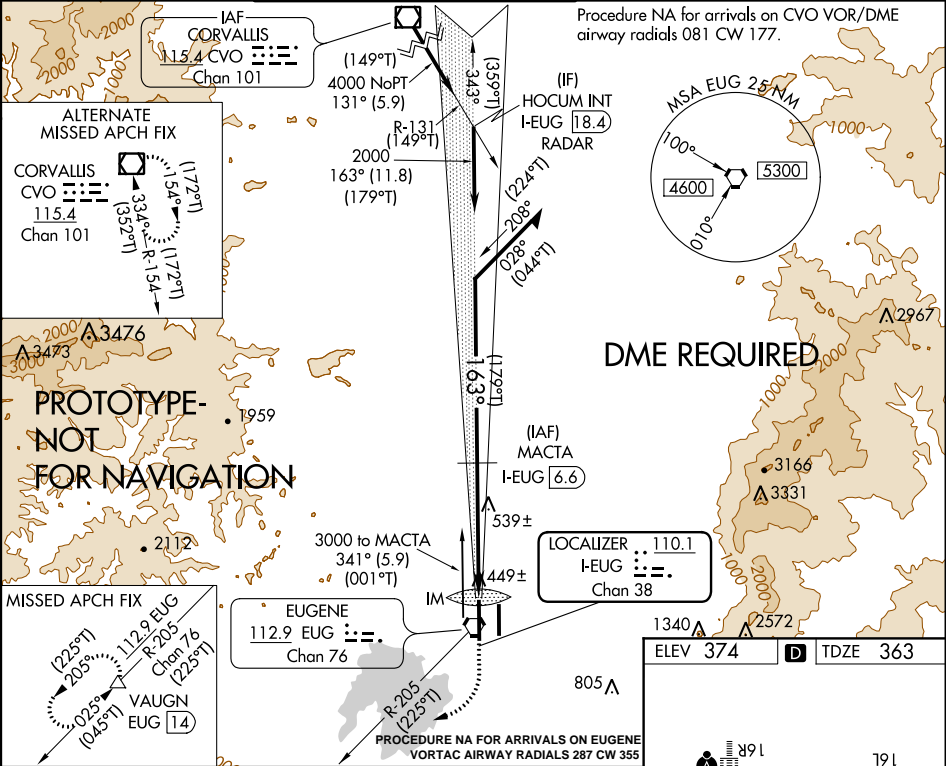


LOC/DME I-EUG <b>110.1</b> Chan <b>38</b>	APP CRS <b>163°</b>	Rwy Idg <b>8009</b> TDZE <b>363</b> Apt Elev <b>374</b>
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ILS RWY 16R (CAT II & III)  
MAHLON SWEET FIELD (EUG)

 DME required. CAT II and III Minimums NA when control tower closed.	 ALSF-2	MISSED APPROACH: Climb to 1000 then climbing right turn to 5000 on heading 230° and EUG VORTAC R-205 to VAUGN/ EUG 14 DME and hold, continue climb-in-hold to 5000.
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ATIS <b>125.225</b>	CASCADE APP CON <b>119.6 348.7</b>	EUGENE TOWER ★ <b>118.9</b> (CTAF) <b>371.9</b> (Rwy 16R/34L) <b>124.15 371.9</b> (Rwy 16L/34R)	GND CON <b>121.7 269.5</b>	CLNC DEL <b>121.7 269.5</b>	UNICOM <b>122.95</b>
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CATEGORY	A	B	C	D
S-ILS 16R		CAT II RA 108/12 100	DA 463	
S-ILS 16R		CAT III RVR 07		
CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED				

EUGENE, OREGON

ILS or LOC/DME RWY 16R  
MAHLON SWEET FIELD (EUG)

- T** For inoperative ALSF-2, increase S-LOC 16R Cat D visibility to RVR 5000 feet.
- A** DME required.



**MISSED APPROACH:** Climb to 1000 then climbing right turn to 5000 on heading 230° and EUG VORTAC R-205 to VAUGN/ EUG 14 DME and hold. continue climb-in-hold to 5000.

Procedure NA for arrivals on CVO VOR/DME  
airway radials 081 CW 177.

IAF CORVALLIS  
115.4 CVO  
Chan 101

ALTERNATE  
MISSED APCH FIX

CORVALLIS  
CVO  
115.4  
Chan 101

4000 NoPT  
131° (5.9)  
R-131

2000  
163° (11.9)

(IF)  
HOCUM INT  
I-EUG 18.4  
RADAR

MSA EUG 25 NM

100°  
010°

4600  
5300

DME REQUIRED

(IAF)  
MACTA  
EUG 5.8  
I-EUG 6.5

WENIT  
I-EUG 4.6

3000 to MACTA  
341° (5.8)

LOCALIZER  
110.1  
I-EUG  
Chan 38

EUGENE  
112.9 EUG  
Chan 76

MISSED APCH FIX

VAUGHN  
EUG 14

IM

449±

539±

163°

208°  
028°

343°

1340  
2572

ELEV 374  
D TDZE 363

163° 4.9 NM  
from FAF

805

Diagram illustrating the proposed rail yard layout. The layout shows two main tracks, 8009 X 130 and 6000 X 150, with various signals (A, A5, V, P, d) and buildings (396, 425, 410, 494, TWR, 34L, 34R). The layout also includes TDZ/CL Rwy 16R, REIL Rwy 34R, and HIRL Rws 16L-34R and 16R-34L.

EUGENE, OREGON

Amdt 36 23SEP10

44°07'N-123°13'W

MAHLON SWEET FIELD (EUG)

ILS or LOC/DME RWY 16R

NW-1, 21 JUL 2016 to 18 AUG 2016

EUGENE, OREGON

AL-140 (FAA)

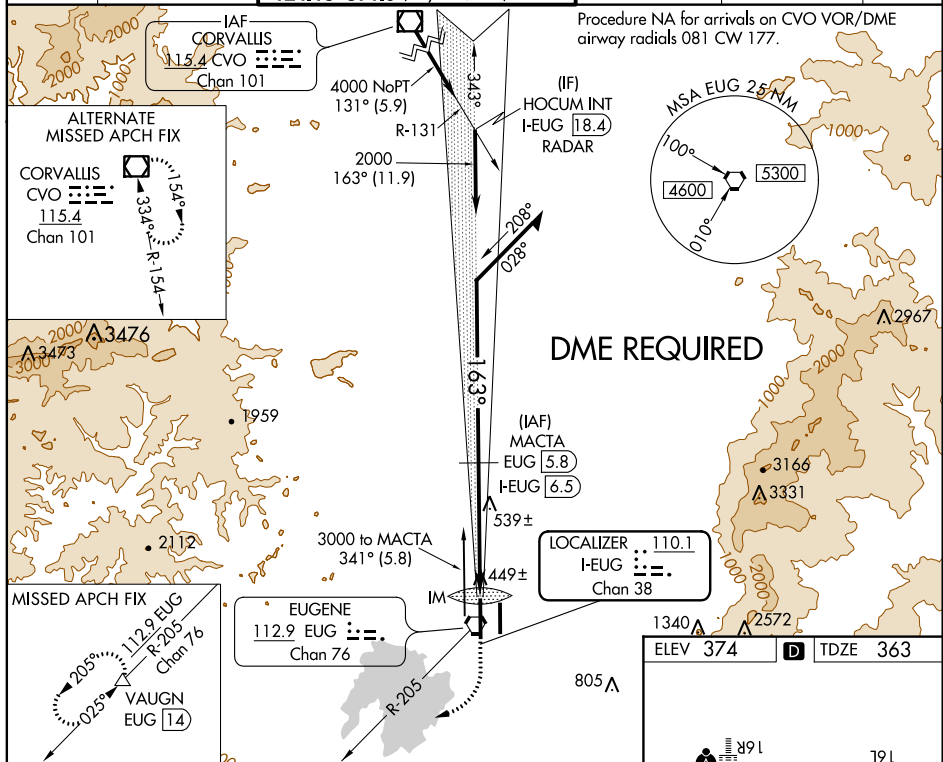
13290

LOC/DME I-EUG <b>110.1</b> Chan 38	APP CRS <b>163°</b>	Rwy Idg TDZE Apt Elev <b>8009</b> <b>363</b> <b>374</b>
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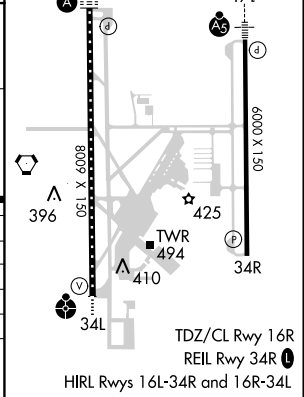
# ILS RWY 16R (CAT II & III) MAHLON SWEET FIELD (EUG)

<p><b>▼</b> DME required. Cat II and III Minimums NA when control tower closed.</p>	<p>ALS-2 <b>A</b></p>	<p>MISSED APPROACH: Climb to 1000 then climbing right turn to 5000 on heading 230° and EUG VORTAC R-205 to VAUGN/ EUG 1.4 DME and hold, continue climb-in-hold to 5000.</p>
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ATIS <b>125.225</b>	CASCADE APP CON <b>119.6 348.7</b>	EUGENE TOWER ★ <b>118.9</b> (CTAF) <b>371.9</b> (Rwy 16R/34L) <b>124.15 371.9</b> (Rwy 16L/34R)	GND CON <b>121.7 269.5</b>	CLNC DEL <b>121.7 269.5</b>	UNICOM <b>122.95</b>
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<p>Remain within 10 NM</p> <p>2500</p> <p>343°</p> <p>163°</p> <p>2000</p> <p>GS 3.00° TCH 52</p>	<p>MACTA I-EUG 6.5</p> <p>6000</p> <p>1000</p> <p>5000</p> <p>EUG R-205</p> <p>VAUGN</p> <p>Use I-EUG DME when on localizer course.</p> <p>IM 459</p> <p>363 MSL</p> <p>4.9 NM</p> <p>950'</p>	<p>CAT II RA 108/12 100 DA 463</p> <p>CAT IIIa RVR 07</p> <p>CAT IIIb RVR 06</p> <p>CAT IIIc NA</p>
<p><b>CATEGORY II &amp; III ILS - SPECIAL AIRCREW &amp; AIRCRAFT CERTIFICATION REQUIRED</b></p>		



EUGENE, OREGON

Amdt 36 23SEP10

44°07'N-123°13'W

MAHLON SWEET FIELD (EUG)

# ILS RWY 16R (CAT II & III)

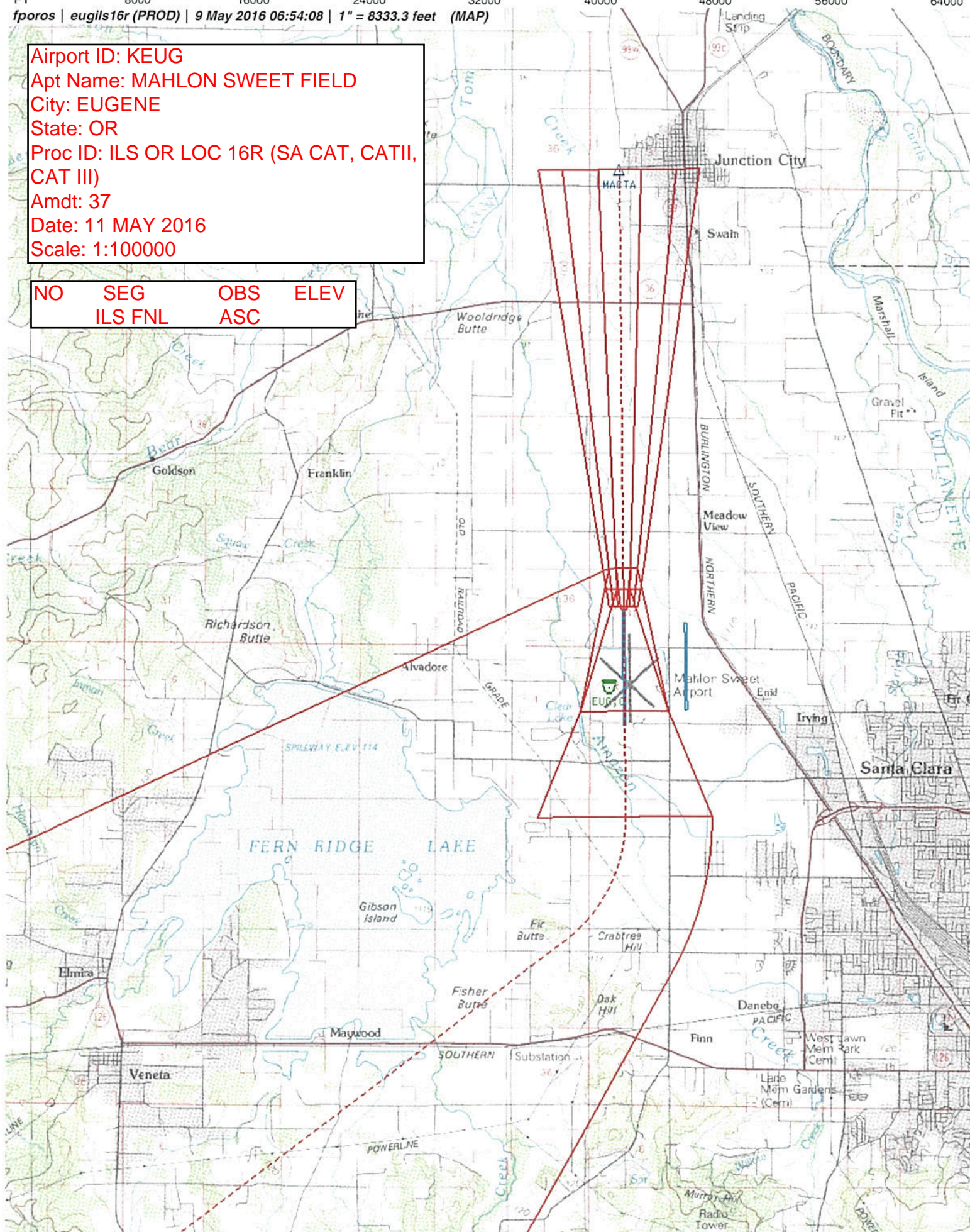
NW-1, 21 JUL 2016 to 18 AUG 2016



NM 1 2 3 4 5 6 7 8 9 10  
FT 8000 16000 24000 32000 40000 48000 56000 64000  
fporos | eugils16r (PROD) | 9 May 2016 06:54:08 | 1" = 8333.3 feet (MAP)

Airport ID: KEUG  
Apt Name: MAHLON SWEET FIELD  
City: EUGENE  
State: OR  
Proc ID: ILS OR LOC 16R (SA CAT, CATII,  
CAT III)  
Amdt: 37  
Date: 11 MAY 2016  
Scale: 1:100000

NO	SEG	OBS	ELEV
	ILS FNL	ASC	





NM 1 2 3 4 5 6 7 8 9 10  
FT 8000 16000 24000 32000 40000 48000 56000 64000  
fporos | eugils16r (PROD) | 9 May 2016 06:53:35 | 1" = 8333.3 feet (MAP)

NO	SEG	OBS	ELEV
9	LOC FNL- SDF	AAO	539
10	LOC SDF-MAP	TREE	449
15	CIRC CAT A	TWR (41-021783)	494
16	CIRC CAT B	TWR (41-001057)	514
17	CIRC CAT C	TANK (41-021038)	519
18	CIRC CAT D	AAO	799

Airport ID: KEUG

Apt Name: MAHLON SWEET FIELD

City: EUGENE

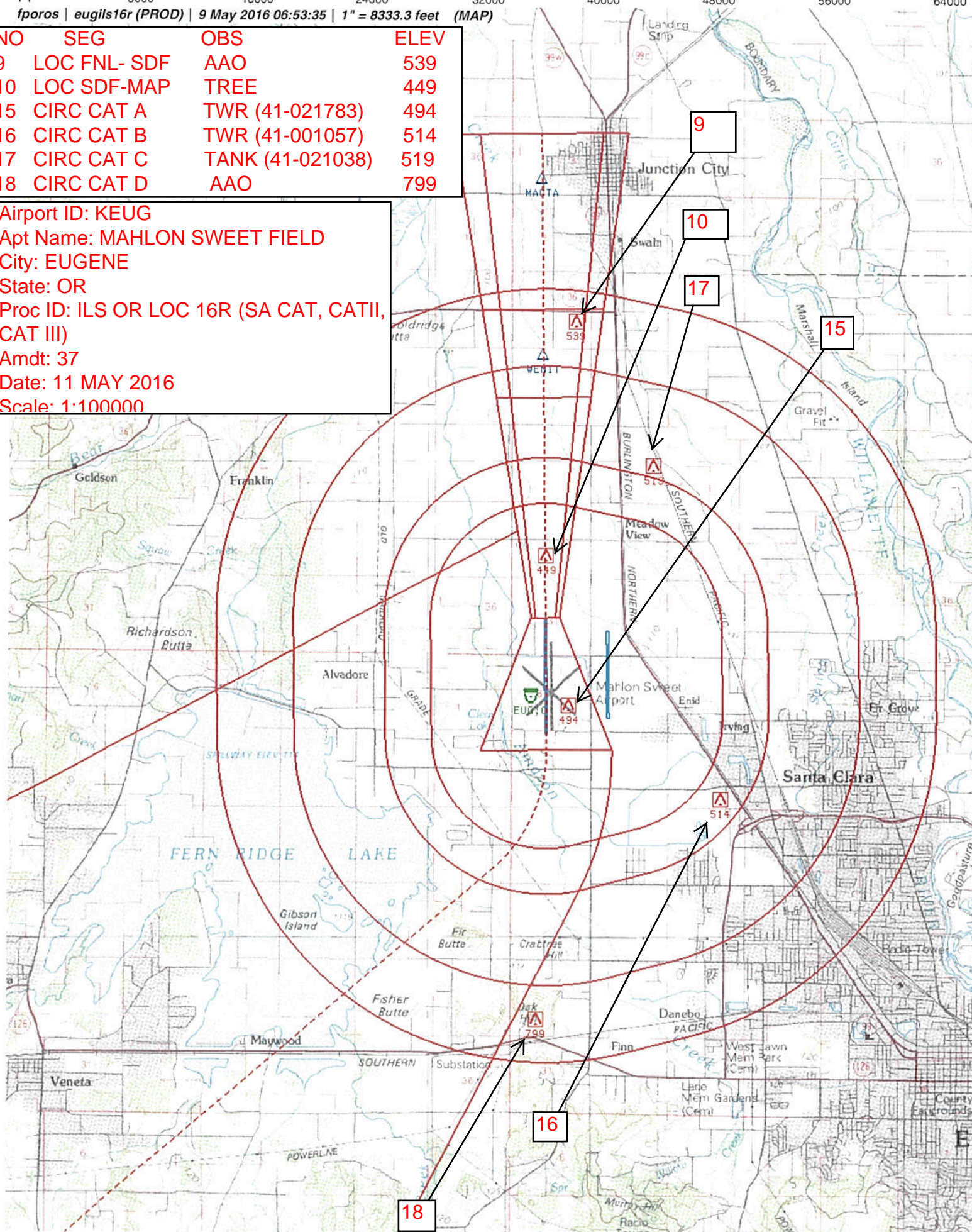
State: OR

Proc ID: ILS OR LOC 16R (SA CAT, CATII, CAT III)

Amdt: 37

Date: 11 MAY 2016

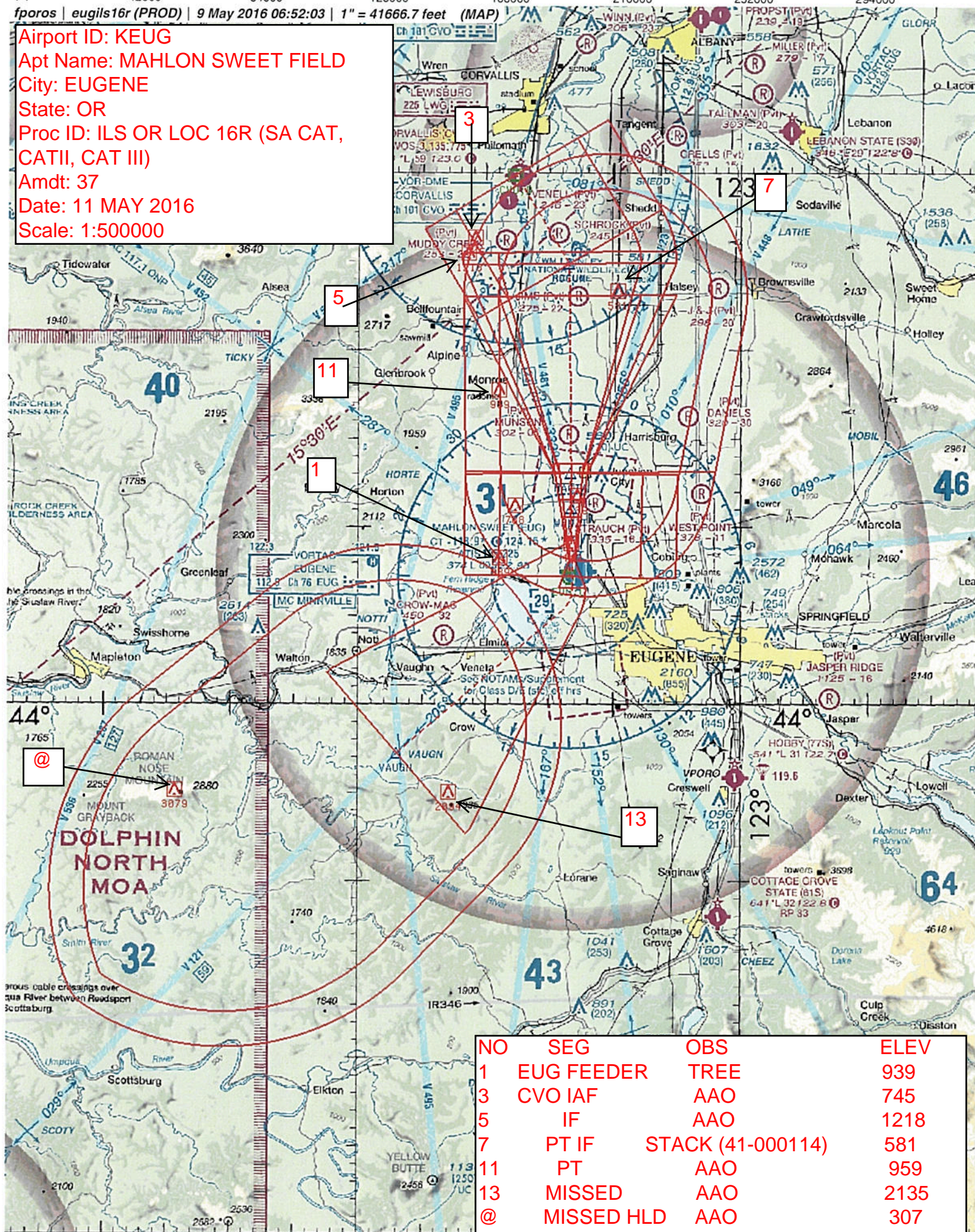
Scale: 1:100000





NM 7 14 21 28 35 42 49  
FT 42000 84000 126000 168000 210000 252000 294000  
tporos | eugils16r (PROD) | 9 May 2016 06:52:03 | 1" = 41666.7 feet (MAP)

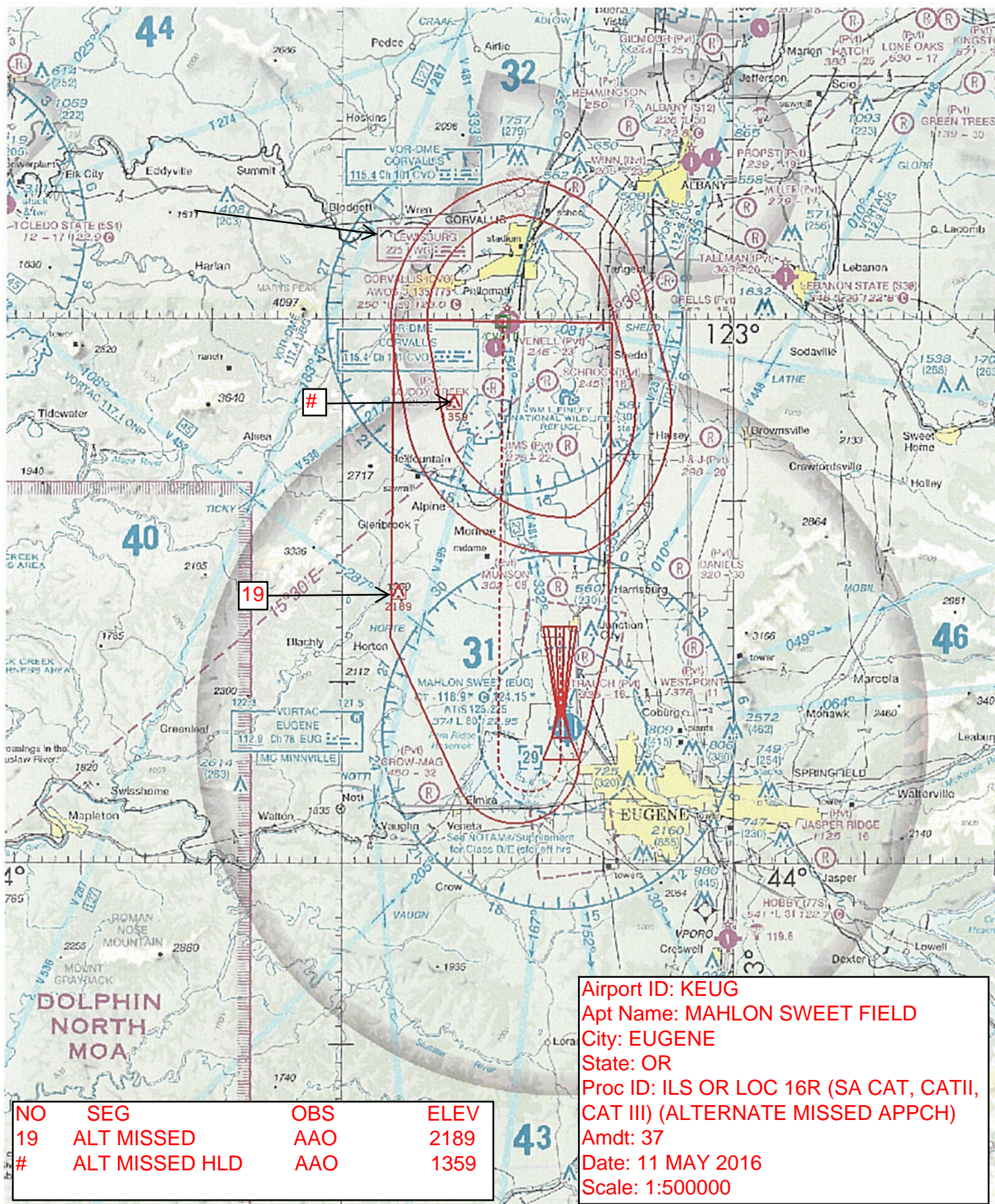
Airport ID: KEUG  
Apt Name: MAHLON SWEET FIELD  
City: EUGENE  
State: OR  
Proc ID: ILS OR LOC 16R (SA CAT,  
CATII, CAT III)  
Amdt: 37  
Date: 11 MAY 2016  
Scale: 1:500000



NO	SEG	OBS	ELEV
1	EUG FEEDER	TREE	939
3	CVO IAF	AAO	745
5	IF	AAO	1218
7	PT IF	STACK (41-000114)	581
11	PT	AAO	959
13	MISSED	AAO	2135
@	MISSED HLD	AAO	307



NM 7 14 21 28 35 42 49  
 FT 42000 84000 126000 168000 210000 252000 294000  
 fporos | eugalt16r (PROD) | 11 May 2016 09:19:19 | 1" = 41666.7 feet (MAP)



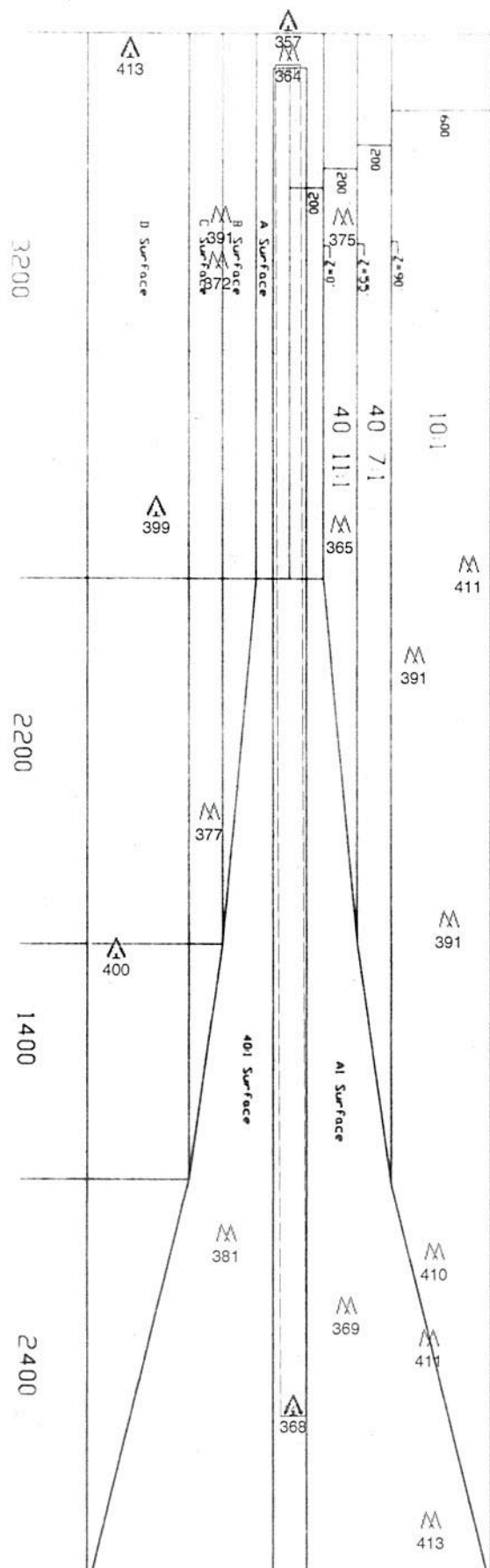




fporos | eugils16r (PROD) | 18 Apr 2016 09:17:57 | 1" = 1000.0 feet (MAP)

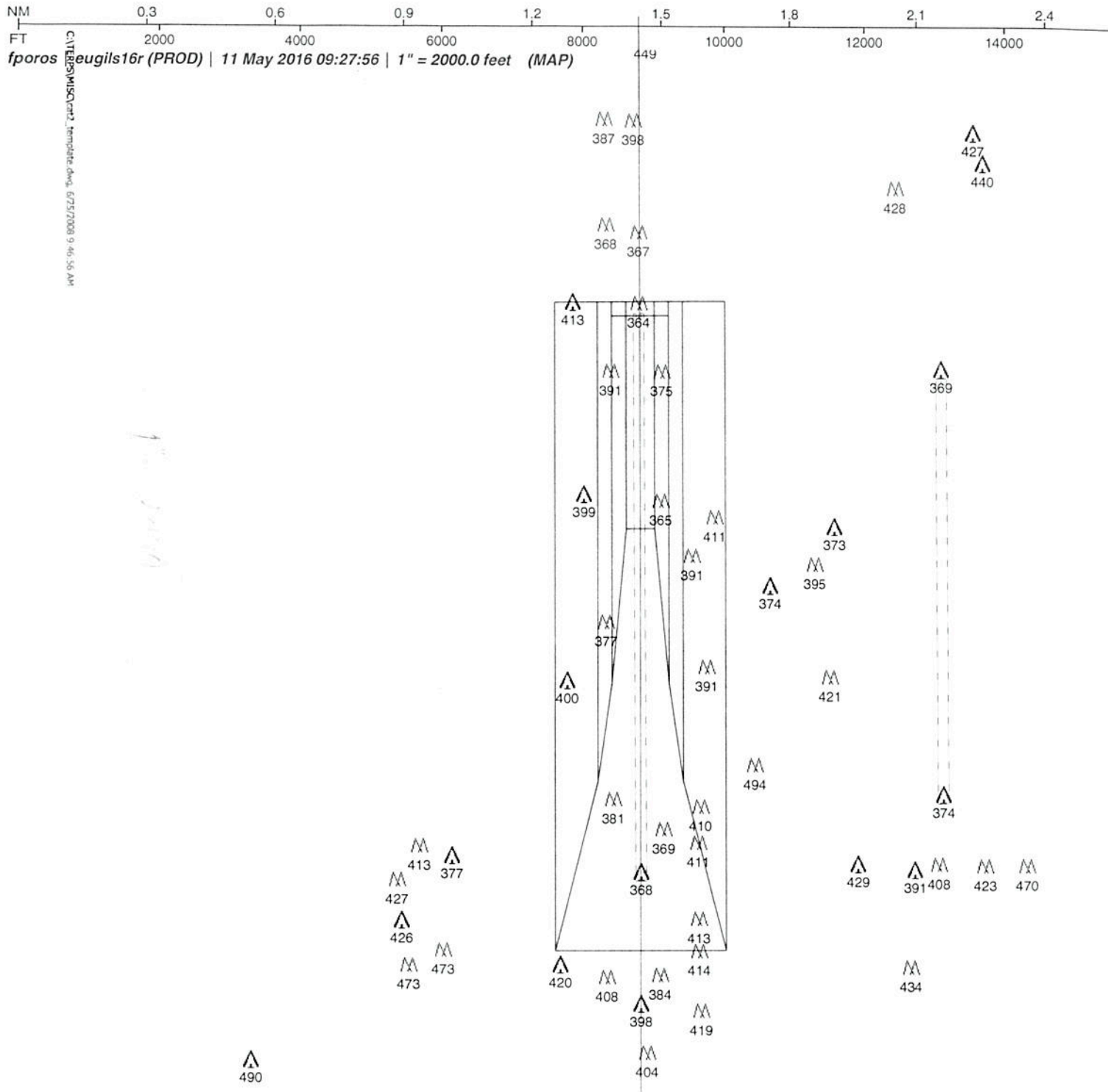
367

1" = 1000'  
Baker



367

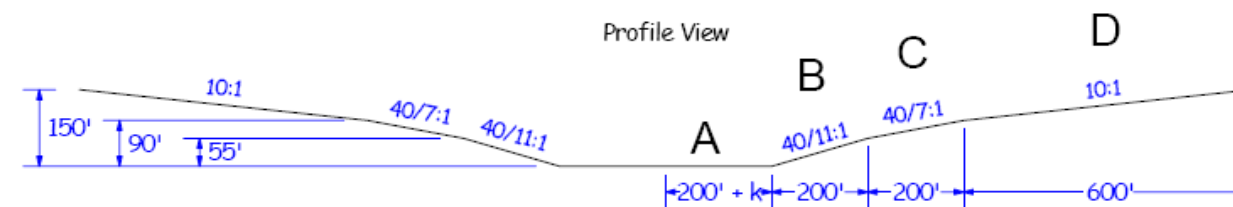
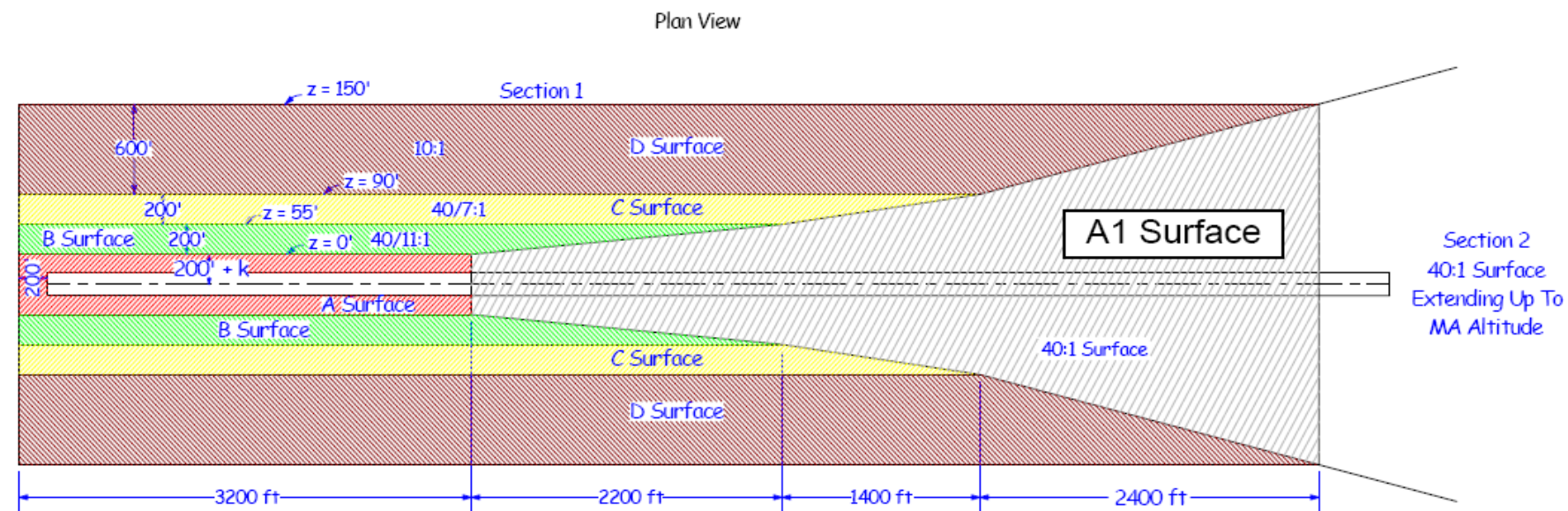




373.6 Airport Elevation  
 0 k  
 360.2 THLD Elev  
 365.5 End Elev  
 8009 RWY Length  
 362.2 f

h = MSL height of OCS  
 X = distance (ft) from runway threshold measured parallel to runway centerline  
 Y = perpendicular distance (ft) from runway centerline  
 e = MSL elevation of the runway centerline at distance X  
 f = MSL elevation of the runway centerline 3,000 ft from threshold  
 k = increase in surface width due to altitude:  
 If airport elevation  $\leq 1000$  MSL then k = 0 or  
 if airport elevation  $> 1000$  MSL then k = 0.01 (airport elev - 1000)

ID	OBST ID	Elev (MSL)	X	Y	e	h		Penetration
1	KEUGT000	391	950.92	400.42	360.8	415.9	C Surface	24.9
2	KEUGT000	375	967.13	320.19	360.8	393.9	B Surface	18.9
3	KEUG0024	399	2664.41	781.95	362.0	470.2	D Surface	71.2
4	KEUG0022	372	1220.3	420.13	361.0	419.5	C Surface	47.5
5	KEUG0027	365	2789.99	298.33	362.0	389.1	B Surface	24.1
6	KEUG0026	411	3028.99	1058	362.2	498.0	D Surface	87.0
7	KEUGT000	381	6997.75	391.05	364.8	462.1	A1 Surface	81.1
8	KEUG0001	410	7112.18	836.82	364.9	478.6	D Surface	68.6
9	KEUGL015	494	6532.92	1607.93	364.5	Outside Section 1	D Surface	#VALUE!
10	keug0029	411	7623	801.82	365.2	477.8	A1 Surface	66.8
11					360.2	360.2	A Surface	360.2
12					360.2	360.2	A Surface	360.2
13					360.2	360.2	A Surface	360.2
14					360.2	360.2	A Surface	360.2
15					360.2	360.2	A Surface	360.2
16					360.2	360.2	A Surface	360.2



Where RWY elev  $\leq 1000'$ , k = 0  
 Where RWY elev  $> 1000'$ , k = .01(e - 1000')