

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**ILS STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.29**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u><b>AIRPORT</b></u> OSCODA-WURTSMITH	<u><b>AIRPORT ID</b></u> KOSC	<u><b>PROCEDURE NAME</b></u> ILS OR LOC RWY 25	<u><b>ORIGINAL/AMENDMENT</b></u> 4	<u><b>CITY</b></u> OSCODA	<u><b>STATE</b></u> MI
<u><b>AIRPORT ELEVATION</b></u> 633	<u><b>TDZE</b></u> 624	<u><b>SUPERSEDED</b></u> ILS OR LOC/DME RWY 24	<u><b>ORIGINAL/AMENDMENT</b></u> 3	<u><b>DATED</b></u> 06/03/2010	<u><b>MAG VAR</b></u> 7W
<u><b>FACILITY</b></u> I-LJU	<u><b>COORDINATES OF FACILITIES</b></u> 442629.27N / 0832500.39W	<u><b>ACTUAL EFFECTIVE DATE</b></u> 8 NOVEMBER 2018	<u><b>REQUIRED EFFECTIVE DATE</b></u> 11/08/2018	<u><b>CANCEL/SUSPEND</b></u>	<u><b>EPOCH YEAR</b></u> 2005

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
APN VORTAC		SALTR/ASP 6.69 DME/RADAR	FAF/IAF				166.86	36.61	2500

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: ASP 1.06 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 030 AND ON APN VORTAC R-175 TO LEGOR/APN 15.00 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 2500 ON HEADING 065 FOR RADAR VECTORS TO SALTR/ASP 6.69 DME/RADAR AND HOLD (RADAR REQUIRED).

**PROFILE:**

- PT      **SIDE OF COURSE**      **OUTBOUND**      **FT WITHIN**      **MILES OF (IAF)**
- HOLD NE SALTR, RT, 245.17 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 5100.
- FAC:** 245.17      **FAF:** SALTR/ASP 6.69 DME/RADAR      **DIST FAF TO MAP:**      **DIST FAF TO THLD:** 5.64
- MIN ALT:** SALTR/ASP 6.69 DME/RADAR 2500
- 5. DIST TO THLD FROM OM:**      **MM:**      **IM:**      **150 HAT:**      **GS ANT:** 1035
- 6. MIN GS INCPT:** 2500      **GS ALT AT FAF :** SALTR/ASP 6.69 DME/RADAR 2500      **OM:**      **MM:**      **IM:**
- 7. GP ANGLE:** 3.00      **34:1:**      **20:1:**      **TCH:** 56.0
- 8. MSA FROM:** KOSC 2700

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED

**NOTES:**

CHART NOTE: CIRCLING NA SE OF RWY 7-25.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON APN VORTAC AIRWAY RADIALS 108 CW 226.



CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC CATS C AND D VISIBILITY TO 1 SM.  
CHART NOTE: DME FROM ASP VOR/DME. SIMULTANEOUS RECEPTION OF I-LJU AND ASP DME REQUIRED.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: (CFRLD) AT 443137.78N/0831325.13W.  
CHART CIRCLING ICON.  
CHART PIKE WEST MOA  
CHART PIKE EAST MOA  
CHART VDP AT 1.96 DME\*  
DISTANCE VDP TO THLD 0.90 NM  
\* LOC ONLY  
CHART FAS OBST: 719 TREE 442800N/0832158W.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE SALTR/ASP 6.69 DME/RADAR, RT, 245.17 INBOUND.  
HOLD S, RT, 355.00 INBOUND

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☒

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 25	824	1/2	200	824	1/2	200	824	1/2	200	824	1/2	200			
S-LOC 25	980	1/2	356	980	1/2	356	980	5/8	356	980	5/8	356			
CIRCLING	1140	1	507	1140	1	507	1160	1 1/2	527	1300	2	667			



**CHANGES - REASONS**

1. CHANGED PROCEDURE NAME FROM ILS OR LOC/DME RWY 24 TO ILS OR LOC RWY 25 - RUNWAYS RENUMBERED FROM 6/24 TO 7/25.
2. CHANGED NOTE 'FOR INOPERATIVE MALSR WHEN USING ALPENA ALTIMETER SETTING INCREASE S-ILS ALL CATS VISIBILITY TO 1 MILE' TO 'FOR INOPERATIVE ALS WHEN USING ALPENA ALTIMETER SETTING, INCREASE S-ILS ALL CATS VISIBILITY TO 7/8 SM' AND MOVED TO FORM 8260-9 AS A CONTINGENCY NOTE - PER 8260.19H CH. 8 AND UPDATED VISIBILITY TABLES.
3. ADDED NOTE: 'FOR INOPERATIVE ALS, INCREASE S-LOC CATS C AND D VISIBILITY TO 1 SM' - PER 8260.19H CH. 8 AND UPDATED VISIBILITY TABLES.
4. ADDED EQUIPMENT REQUIREMENTS NOTE: 'DME REQUIRED' - REQUIRED TO EXECUTE PRIMARY MISSED APPROACH.
5. ADDED NOTE: 'VDP NA WHEN USING ALPENA ALTIMETER SETTING' ON FORM 8260-9 AS A CONTINGENCY NOTE - ADDED VDP AT 1.96 DME/0.90 NM FROM RWY THLD.
6. CHANGED PRIMARY MISSED APPROACH FROM 'CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2500 VIA HEADING 096 AND ASP VOR/DME R-064 TO SALTR/ASP 6.7 DME AND HOLD' TO 'CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 030 AND APN VORTAC R-175 TO LEGOR/APN 15.00 DME AND HOLD' - ASP VOR SCHEDULED FOR DECOMMISSION UNDER VOR MON PROGRAM.
7. ADDED ALTERNATE MISSED APPROACH: 'CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 2500 ON HEADING 065 FOR RADAR VECTORS TO SALTR/I-LJU 6.69 DME AND HOLD (RADAR REQUIRED)' - REPLACES OLD ALTERNATE MISSED APPROACH WHICH BECAME THE PRIMARY MISSED APPROACH.
8. ADDED 'CHART PIKE WEST MOA - REQUIRED TO CHART SPECIAL USE AIRSPACE.
9. REMOVED FEEDER SEGMENTS FROM AILES TO ASP VOR/DME, SNOWW TO ASP VOR/DME, AND ASP VOR/DME TO SALTR - ASP VOR SCHEDULED FOR DECOMMISSION UNDER VOR MON PROGRAM.
10. ADDED FEEDER FROM APN VORTAC TO SALTR ON APN R-167, 36.6 NM, 2500 FT - REPLACES THREE REMOVED FEEDER SEGMENTS.
11. CHANGED MSA ORIGIN FROM ASP VOR/DME TO KOSC ARP AND DECREASED FROM 2 SECTORS TO 1 SECTOR AT 2700 FT - ASP VOR SCHEDULED FOR DECOMMISSION UNDER VOR MON PROGRAM.
12. ADDED VDP AT 1.96 DME/0.90 NM FROM RWY THLD AND '\*LOC ONLY' NOTE - ADDED VDP AT 1.96 DME/0.90 NM FROM RWY THLD.
13. S-LOC: INCREASED CAT C VISIBILITY FROM 1/2 TO 5/8 AND REDUCED CAT D VISIBILITY FROM 3/4 TO 5/8 - PER 8260.3C CH. 3 VISIBILITY TABLES AND VIS CHECK CALCULATOR.
14. CIRCLING: INCREASED CAT C MDA/HAA FROM 1140/507 TO 1160/527 AND CAT D MDA/HAA FROM 1200/567 TO 1300/667 -NEW CONTROLLING OBSTACLES IDENTIFIED.
15. ADDED CHART CIRCLING ICON - PER 8260.19H CIRCLING CRITERIA UPDATE.
16. ADDED PLANVIEW NOTE: 'PROCEDURE NA FOR ARRIVAL ON APN VORTAC AIRWAY RADIALS 108 CW 226' - PER 8260.19H, PARA. 8-2-5E.
17. CHANGED BACK-UP ALTIMETER SETTING NOTE TO READ "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALPENA ALTIMETER SETTING AND INCREASE ALL DA 96 FEET AND ALL MDA 100 FEET AND INCREASE S-LOC 24 CATS C AND D AND CIRCLING CATS C AND D VISIBILITY 1/4 SM" AND MOVED TO FORM 8260-9 AS A CONTINGENCY NOTE - PER 8260.19H PARA. 8-6-11N (1)(A)3.
18. ADDED FACF CNF (CFRLD) ON LOC FINAL, 2NM FROM FAF/IAF SALTR - PER ARINC SPECIFICATION 424-18, ATTACH. 5, PARA. 6.2.5.
19. CHANGED NOTE: 'CIRCLING NA SE OF RWY 6-24' TO 'CIRCLING NA SE OF RWY 7-25' - RUNWAYS RENUMBERED FROM 6/24 TO 7/25.

08/09/18: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/13/18.

1. CHANGED ALL INSTANCES OF RWY 24 TO RWY 25.

10/1/18: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 6/13/18.

1. CHANGED REQUIRED EFFECTIVE DATE FROM ROUTINE TO 11/8/18 (PROCEDURE CHANGED TO HARD DATE).



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMP, LAN FSS, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

ROBERT G HAMILTON

Oct 02, 2018

OFFICE

DATE

DEVELOPED BY

RALPH DUMAR

Digitally signed by

ROBERT G HAMILTON

Oct 02, 2018

OFFICE

DATE

AJV-542206/13/2018

APPROVED BY

JULIE MORGAN

Digitally signed by

ROBERT G HAMILTON

Oct 02, 2018

OFFICE

DATE

TITLE

MANAGER

