

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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>AIRPORT</u> WINNEMUCCA MUNI	<u>AIRPORT ID</u> KWMC	<u>PROCEDURE NAME</u> VOR RWY 14	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> WINNEMUCCA	<u>STATE</u> NV	
<u>AIRPORT ELEVATION</u> 4308	<u>TDZE</u> 4304	<u>SUPERSEDED</u> VOR RWY 14	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 16E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> INA	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
FESKO INT/INA 24.59 DME		INA VOR/DME					326.22	24.59	10500
INA VOR/DME		WAKLA/INA 5.00 DME					325.75	5.00	8700
SDO VORTAC	IAF	GODSY/19.00 DME					143.59	13.08	9000
GODSY/19.00 DME		VICTR/16.40 DME	NOPT				145.75	2.60 (INA R-326)	7800
VICTR/16.40 DME	IF	AMAME/10.95 DME					145.75	5.45 (INA R-326)	7000
AMAME/10.95 DME		THUNK/7.00 DME					145.75	3.95 (INA R-326)	6500

MISSED APPROACH

MAP:

YEJFA/INA 1.00 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 7800 ON INA VOR/DME R-326 TO VICTR/INA 16.40 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 325.75 OUTBOUND 8400 FT WITHIN 10 MILES OF WAKLA/INA 5.00 DME (IAF)
- 2.
3. FAC: 145.75 FAF: THUNK/7.00 DME DIST FAF TO MAP: DIST FAF TO THLD: 6.59
4. MIN ALT: THUNK/7.00 DME 6500, WAKLA/5.00 DME 5840
8. MSA FROM: INA VOR/DME 020-220 11100, 220-020 9100

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:



CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SDO VORTAC ON V113 NORTH BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
THUNK TO RW14: 3.08/40.
CHART VDP AT 2.24 DME
DISTANCE VDP TO THLD 1.84 NM
FAS OBST: 4438 AAO 405805N/1174900W.
5483 AAO 410103N/1174942W, 4794 AAO 405907N/1174902W.
FAC 193 FT R OF RWY C/L EXTENDED 3000 FT FROM THLD.
HOLD NW, RT, 145.75 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 1000-3

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-14	4940	1	636	4940	1	636	4940	1 3/4	636		NA				
CIRCLING	4940	1	632	4940	1	632	5280	3	972		NA				



CHANGES - REASONS

1. REMOVED TERMINAL ROUTE FROM BAM VORTAC TO INA VOR/DME - ATC REQUEST
2. ROUTE FROM FESKO INT TO INA VOR/DME CHANGED FROM COURSE OF 326.00 TO 326.22 AND 24.60 NM TO 24.59 NM - ROUNDING AND SOFTWARE DIFFERENCE FROM IAPA TO TARGETS
3. ROUTE FROM INA VOR/DME TO INA VOR/DME R-326/4.00 DME CHANGED TO INA VOR/DME TO WAKLA/INA 5.00 DME COURSE CHANGED FROM 326.00 TO 325.75 AND DISTANCE CHANGED FROM 4 TO 5 - 4 DME FIX NAMED AND MOVED TO 5 DME DUE TO HIGH TERRAIN.
4. ROUTE FROM SDO VORTAC TO INA VOR/DME R-326/16.00 DME CHANGED TO SDO VORTAC TO GODSEY/19.00 DME AND COURSE AND DISTANCE CHANGED FROM 144.00/16.20 TO 143.59/13.08 - DME FIX NAMED AND MOVED TO 19 DME DUE TO HIGH TERRAIN.
5. ROUTE FROM INA VOR/DME R-326/16.00 DME TO VICTR/12.00 DME CHANGED TO GODSY/19.00 DME TO VICTR/16.40 DME AND COURSE AND DISTANCE CHANGED FROM 146.00/4.00 TO 145.75/2.60 - VICTR MOVED TO AVOID CLIMB-IN-HOLD FOR THE MISSED APPROACH
6. ROUTE FROM VICTR/12.00 DME TO INA VOR/DME R-326/6.00 DME CHANGED TO VICTR/16.40 DME TO AMAME/10.95 DME AND COURSE AND DISTANCE CHANGED FROM 146.00/6.00 TO 145.75/5.45 - AMAME CREATED AS INTERMEDIATE STEP TO PROVIDE AIRSPACE RELIEF IN THE INTERMEDIATE.
7. ADDED ROUTE FROM AMAME/10.95 DME TO THUNK/7.00 DME - ROUTE FROM INTERMEDIATE STEPDOWN TO FAF, FAF NAMED IAW CRITERIA.
8. MAP CHANGED FROM INA R-326/1.00 DME FIX TO YEJFA/INA 1.00 DME - MAP NAMED IAW CRITERIA
9. MISSED APPROACH INSTRUCTIONS CHANGED FROM CLIMBING RIGHT TURN TO 8000 VIA INA VOR/DME R-326 TO VICTR/12.00 DME AND HOLD TO CLIMBING RIGHT TURN TO 7800 ON INA VOR/DME R-326 TO VICTR/INA 16.40 DME AND HOLD - VICTR MOVED AND ALTITUDE REDUCED TO AVOID A CLIMB-IN-HOLD.
10. PROFILE LINE 1 CHANGED FROM 326.00 COURSE TO 325.75 COURSE; 7900 OUTBOUND TO 8400 OUTBOUND; WITHIN 10 MILES OF INA VOR/DME R-326/4.00 TO WITHIN 10 MILES OF WAKLA/INA 5.00 DME (IAF) - WAKLA IS THE NEW PT IAF AND ALTITUDE RAISED DUE TO HIGH TERRAIN IN THE MANEUVER AREA.
11. PROFILE LINE 3 FAC CHANGED FROM 146.00 TO 145.75; FAF FROM INA VOR/DME R-326/6.00 DME TO THUNK/INA 7.00 DME; DIST FAF TO THLD FROM 5.60 TO 6.59 - FINAL COURSE ADJUSTED DUE TO HIGH TERRAIN AND FAF MOVED 1 NM.
12. PROFILE LINE 4 CHANGED FROM MIN. ALT INA VOR/DME R-326/6.00 DME 6500, INA VOR/DME R-326/4.00 DME 5700 TO THUNK/7.00 DME 6500, WAKLA/5.00 DME 5840 - FAC EXTENDED AND FIXES NAMED IAW CRITERIA.
13. PROFILE LINE 8 CHANGED FROM MSA FROM: INA VOR/DME 020-220 10900, 220-020 9000 TO MSA FROM: INA VOR/DME 020-220 11100, 220-020 9100 - NEW MSA CONTROLLING OBSTACLES IDENTIFIED.
14. REMOVED CHART NOTE PROCEDURE NA AT NIGHT AND HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. - THE 20:1 IS CLEAR.
15. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BAM VORTAC AIRWAY RADIALS 233CW 246. - FEEDER FROM BAM VORTAC REMOVED.
16. ALTERNATE MINS CHANGED FROM STANDARD TO STANDARD - CAT C 1000-3 - 8260.3D 3-4-1
17. S-14 MINS CAT A AND B CHANGED FROM AN MDA/HAT OF 4620/316 TO 4940/636 AND CAT C CHANGED FROM AN MDA/HAT OF 4840/536 TO 4940/636 AND VIS CHANGED FROM 1 1/2SM TO 1 3/4SM - NEW CONTROLLING FINAL OBSTACLE AND MINS RAISED TO AVOID A CLIMB-IN-HOLD AT THE CLEARANCE LIMIT, VISIBILITY PER THE AJV VALIDATED VISCHECK CALCULATOR.
18. CIRCLING MINS CHANGED FROM A MDA/HAA OF; CAT A 4720/412 TO 4940/632; CAT B FROM 4760/452 TO 4940/632; CAT C FROM 4840/532 TO 5280/972 AND CAT C VIS FROM 1 1/2SM TO 3SM - EXPANDED CIRCLING APPLIED AND STRAIGHT-IN MINIMUMS HAVE INCREASED, VISIBILITY FROM AJV VALIDATED VISCHECK CALCULATOR.
19. ADDITIONAL FLIGHT DATA CHANGED FROM HOLD NW, RT 146.00 INBOUND TO HOLD NW, RT, 145.75 INBOUND - FINAL COURSE CHANGED DUE TO HIGH TERRAIN.
20. ADDITIONAL FLIGHT DATA CHANGED FROM CHART FAS OBST: 4359 TERRAIN/TREE TO FAS OBST: 4438 AAO 405805N/1174900W - NEW FINAL CONTROLLER IDENTIFIED.
21. REMOVED FROM ADDITIONAL FLIGHT DATA 4921 TERRAIN 410031N/1174925W ; 4572 TERRAIN 405940N/1175110W ; 4333 TERRAIN 405748N/1175020W AND ADDED 5483 AAO 410103N/1174942W, 4794 AAO 405907N/1174902W - THESE AAO'S HAVE BEEN IDENTIFIED AS THE 7:1 OBSTACLES IN FINAL.
22. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - EXPANDED CIRCLING APPLIED.
23. ADDITIONAL FLIGHT DATA CHANGED FROM FAC 290 FT R OF RWY C/L EXTENDED 3000 FT FROM THLD TO FAC 193 FT R OF RWY C/L EXTENDED 3000 FT FROM THLD. - FINAL APPROACH COURSE CHANGED TO AVOID HIGH TERRAIN.
24. ADDED ADDITIONAL FLIGHT DATA NOTE CHART VDP AT 2.24 DME DISTANCE VDP TO THLD 1.84 NM - VDP NOW PUBLISHED, 20:1 IS CLEAR.
25. ADDED THUNK TO RW14: 3.08/40 TO ADDITIONAL FLIGHT DATA. - 8260.19H 8-6-10.

COORDINATED WITH:A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER:**FLIGHT CHECKED BY**

JORDAN ROLIH

Digitally signed by **OFFICE****WARDELL HENNING** FICO

Nov 18, 2019

DATE

10/31/19

DEVELOPED BY

WARDELL HENNING (TYLER MITCHELL)

Digitally signed by

WARDELL HENNING**OFFICE**

AJV-A432

DATE

08/07/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

WARDELL HENNING

Nov 18, 2019

OFFICE

AJV-A430

DATE**TITLE**

MANAGER

Nov 18, 2019

QUALITY
18
CHECKED