

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>AIRPORT ID</u> KINT	<u>PROCEDURE NAME</u> ILS OR LOC RWY 33	<u>ORIGINAL/AMENDMENT</u> 30	<u>CITY</u> WINSTON SALEM	<u>STATE</u> NC		
<u>AIRPORT ELEVATION</u> 969	<u>TDZE</u> 941	<u>SUPERSEDED</u> ILS OR LOC RWY 33	<u>ORIGINAL/AMENDMENT</u> 29E	<u>DATED</u> 05/20/2021	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-INT	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 OCTOBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
AZELL	IAF	BACHE INT	NOPT	TF	FB	1.00	053.82	10.30	3000
BACHE INT	IF/IAF	WUXOG INT					331.64	6.16 (I-INT)	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3500 ON HEADING 341 AND GSO VORTAC R-307 TO INCON INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SE BACHE, RT, 331.64 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 5400.
3. FAC: 331.64 FAF: WUXOG INT DIST FAF TO MAP: 4.84 DIST FAF TO THLD: 4.84
4. MIN ALT: BACHE INT 3000, WUXOG INT 2500
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 872
6. MIN GS INCPT: 2500 GS ALT AT PFAF: WUXOG INT 2500 OM: MM: IM:
7. GS ANGLE: 3.00 34:1: 20:1: TCH: 57.3
8. MSA FROM: GSO VORTAC 4100



PBN REQUIREMENTS NOTE:

RNP APCH-GPS. FROM AZELLE.

EQUIPMENT REQUIREMENTS NOTE:

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT

NOTES:

CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 071.25 INBOUND.

FAS OBST: 1150 AAO 360437N/0801024W.

MINIMUMS:

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

ALTERNATE: NA☐

ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED, NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 800-2 1/2, NA WHEN CONTROL TOWER CLOSED, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 33*	1141	2400	200	1141	2400	200	1141	2400	200	1141	2400	200			
S-LOC 33	1400	2400	459	1400	2400	459	1400	4500	459	1400	4500	459			
CIRCLING	1480	1	511	1580	1	611	1700	2	731	1760	2 1/2	791			



CHANGES - REASONS

1. MSA CENTERPOINT CHANGED FROM REENO LOM TO GSO VORTAC - TO ACCOMMODATE REENO LOM DECOMMISSIONING
2. FAF CHANGED FROM REENO LOM TO WUXOG - PER FPT REQUEST TO ACCOMMODATE REENO LOM DECOMMISSIONING
3. CHANGED IF/IAF FROM REENO LOM PT TO IF/IAF BACHE WITH HILPT - PER FPT REQUEST FOR REDESIGN DUE TO REENO LOM DECOMMISSIONING
4. INITIAL RNAV FEEDER FROM AZELL TO BACHE - PER FPT REQUEST FOR REDESIGN DUE TO REENO LOM DECOMMISSIONING
5. PROVE FEEDER REMOVED - PER FPT REQUEST FOR REDESIGN DUE TO REENO LOM DECOMMISSIONING
6. INGON FEEDER REMOVED - PER FPT REQUEST FOR REDESIGN DUE TO REENO LOM DECOMMISSIONING
7. REENO LOM IAF REMOVED - REENO LOMG DECOMMISSIONED
8. ADDED CAT D MINIMUMS - PER FPT REQUEST IN CHECKLIST
9. ALTERNATE MISSED APPROACH DELETED - PER PFT REQUEST
10. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 3500 VIA 332.02 BEARING FROM REENO LOM TO INGON INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500 TO CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3500 ON HEADING 341 AND GSO VORTAC R-307 TO INGON INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500. - PER FPT REQUEST DUE TO ALLOW FOR PCG
11. DELETE CHART NOTE: CIRCLING RWY 4, 22 NA AT NIGHT. - RWY 4 & 22 BASIC MARKINGS IMPROVED FROM FAIR TO GOOD 05/25/2017
12. REMOVED ADF REQUIRED NOTE - NDB NO LONGER USED ON PROCEDURE ADF NO LONGER NEEDED
13. ADDED EQUIPMENT REQUIREMENTS NOTES RNP APCH-GPS. FROM AZELLE - REQUIRED FOR PROCEDURE ENTRY
14. FINAL SEGMENT LENGTH CHANGED FROM 3.89NM TO 4.84NM - PFAF RELOCATED DUE TO LOM DECOMMISSIONING
15. INTERMEDIATE SEGMENT LENGTH CHANGE FROM 10.00NM TO 6.16NM - PFAF & IF RELOCATED DUE TO LOM DECOMMISSIONING
16. REMOVED SECONDARY ALTIMETER SETTING NOTES - NOT REQUIRED FOR CHARTING SINCE KINT ASOS ON WMSRC
17. ADDED CHART NOTE: *RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA - PER 8400.13 CHAPTER 2 MEETS CRITERIA & FPT REQUEST
18. FAC CHANGED FROM 331.63 TO 331.64 - ALIGNED WITH ILS
19. LINE 4 CHANGED FROM "REENO LOM 2500" TO "BACHE INT 3000, WUXOG INT 2500" - REENO LOM DECOMMISSIONING
20. REMOVED INOP MALSR NOTE - NO LONGER REQUIRED
21. S-LOC MDA/HAT CHANGED FROM 1320/379 TO 1400/459 ALL CATS - NEW SURVEY AND CONTROLLING OBSTACLE
22. CHANGED LOC ALT MINS FROM "STANDARD - NA WHEN...." TO "STANDARD - CAT D 800-2 ½, NA WHEN...." - PROCEDURE NOW HAS CAT D MINIMA
23. CHANGED FAS OBSTACLE IN ADDITIONAL FLIGHT DATA FROM 1068 TOWER TO 1150 AAO - UPDATED MAP STUDY
24. LOC CAT C VIS RVR CHANGED FROM 2400 TO 4500 - INCREASED RVR PER 8260.3 TABLE 3-3-1
25. LOC RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT EQUIPMENT NOTE - REQUIRED FOR PROCEDURE ENTRY AT BACHE INT/BACHE HILPT

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZTL, GSO APP CON, INT ATCT, INT AMGR

<u>FLIGHT CHECKED BY</u> CRAIG LARSON	<i>Digitally signed by</i> ERIC N SUSKI Aug 22, 2023		<u>OFFICE</u> FPO	<u>DATE</u> 08/18/2023
	<i>Digitally signed by</i> ERIC N SUSKI Mar 20, 2023		<u>OFFICE</u> AJV-A431	<u>DATE</u> 12/14/2022
<u>DEVELOPED BY</u> ERIC N SUSKI (CHARLES HIRST)	<i>Digitally signed by</i> ERIC N SUSKI Mar 20, 2023		<u>OFFICE</u> AJV-A430	<u>DATE</u>
	<i>Digitally signed by</i> ERIC N SUSKI Mar 20, 2023			<u>TITLE</u> MANAGER

