

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25**

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> KVSF	<u>PROCEDURE NAME</u> LOC RWY 5		<u>ORIGINAL/AMENDMENT</u> 5	<u>CITY</u> SPRINGFIELD	<u>STATE</u> VT	
<u>AIRPORT ELEVATION</u> 578	<u>TDZE</u> 575	<u>SUPERSEDED</u> LOC/DME RWY 5	<u>ORIGINAL/AMENDMENT</u> 4A	<u>DATED</u> 09/15/2016	<u>MAG VAR</u> 15W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> I-VSF	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<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>
KOSPE		JUBUB		TF	FB	1.00	133.12	17.91	6300
DORIS		JUBUB		TF	FB	1.00	070.32	12.70	6300
JUBUB	IAF	WILNO	NOPT	TF	FB	1.00	068.67	7.68	4400
WILNO/13.01 DME	IF	NEIVA/9.51 DME					051.39	3.50 (I-VSF)	3700
NEIVA/9.51 DME		MENNE/6.90 DME					051.39	2.61 (I-VSF)	2900

MISSED APPROACH

MAP:

PIPSE/0.79 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 4400 DIRECT WILNO/13.01 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SW WILNO, RT, 051.39 INBOUND, 4400 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 051.39 FAF: MENNE/6.90 DME DIST FAF TO MAP: DIST FAF TO THLD: 6.11
4. MIN ALT: WILNO/13.01 DME 4400, NEIVA/9.51 DME 3700, MENNE/6.90 DME 2900
8. MSA FROM: KVSF 5400

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
RNAV 1-GPS REQUIRED.

NOTES:



CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KOSPE ON V447 NORTHBOUND AND ARRIVALS AT DORIS ON V490 WESTBOUND.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 11, 23, 29 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

FAS OBST: 1500 AAO 431738N/0723351W.
CHART VDP AT 3.43 DME
DISTANCE VDP TO THLD 2.65 NM.
FAC 70 FT R OF RWY C/L EXTENDED 3000 FT FROM THLD.
CHART CIRCLING ICON.
MENNE TO RW05: 3.50/59.

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-05	1760	1 1/4	1185	1760	1 1/2	1185	1760	3	1185	1760	3	1185			
CIRCLING	1760	1 1/4	1182	1760	1 1/2	1182	2600	3	2022	2600	3	2022			



CHANGES - REASONS

1. INCORPORATED P-NOTAM FDC 6/3594 FOR AMDT 4A.
2. REPLACED TERMINAL ROUTES "LEB VOR/DME" AND "EEN VORTAC" WITH "KOSPE", "DORIS", AND "JUBUB" AND ASSOCIATED DATA -- FEEDER AND INITIAL REROUTING DUE TO VORMON DECOMMISSIONING OF LEB AND EEN.
3. CHANGED MENNE DME FROM "6.67" TO "6.90" IN TERMINAL ROUTES AND PROFILE LINE 3, DIST FAF TO THLD FROM "5.88" TO "6.11" -- FAF MOVED TO FACILITATE 3.5 GPA AND ACCEPTABLE DESCENT GRADIENT FROM THE IF; 8260.3D, TABLE 2-6-1.
4. REMOVED "I-VSF" DME IDENTIFIER FROM WILNO TO MENNE IN TERMINAL ROUTES -- DME FIXES WITH COURSE AND DME FROM THE SAME FACILITY; 8260.19H, 8-2-6.C(1).
5. LOWERED ALTITUDE AT WILNO FROM "4500" TO "4400" IN TERMINAL ROUTES, PROFILE LINES 2 AND 4, AND MISSED APPROACH INSTRUCTIONS -- ELIMINATES CLIMB-IN-HOLD REQUIREMENT ON MISSED APPROACH.
6. UPDATED MAP FROM "I-VSF 0.79 DME FIX" TO "PIPSE/0.79 DME" -- UPDATED IAW 8260.19H, 8-6-6.C(2).
7. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 2300 THEN CLIMBING RIGHT TURN TO 4500 VIA HEADING 255 AND LEB VOR/DME R-229 TO WILNO INT/I-VSF 13.01 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4500" TO "CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 4400 DIRECT WILNO/13.01 DME AND HOLD" -- LEB BEING DECOMMISSIONED DUE TO VORMON, RNAV MISSED APPROACH CONSTRUCTION ENABLES LOWER CA LEG.
8. ADDED "MAX 6000" TO PROFILE LINE 2 -- UPDATED IAW 8260.19H, 8-6-7.2(B).
9. REMOVED OKOTE SDF FROM THE APPROACH -- OKOTE DELETED TO FACILITATE 3.5 GPA.
10. CHANGED MSA FROM "LEB VOR/DME 090-180 4400, 180-360 5500, 360-090 6100 (30 NM)" TO "KVSF 5400" -- NO OMNIDIRECTIONAL NAVAIDS WITHIN 30 NM AFTER LEB IS DECOMMISSIONED; 8260.3D, 2-3-2.B(1).
11. ADDED EQUIPMENT REQUIREMENTS NOTE "RNAV 1-GPS REQUIRED" AND "DME REQUIRED" -- RNAV FEEDERS, INITIAL SEGMENTS AND MISSED APPROACH; FIX WILNO DME ONLY; 8260.19H, 8-6-8 WORKFLOW.
12. ADDED CHART PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT KOSPE ON V447 NORTHBOUND AND ARRIVALS AT DORIS ON V490 WESTBOUND" -- TURNS GREATER THAN 90 DEGREES TO NEW RNAV FEEDERS; 8260-58A, 1-2-5.A(3).
13. ADDED "(VGS1 ANGLE {ANGLE}/TCH {FEET})" TO VGS1 CHART PROFILE NOTE -- UPDATED IAW 8260.19H, 8-6-9.M(2).
14. IN ADDITIONAL DATA, REMOVED CHART FAS OBST: "1259 TREE 431834N/0723339W", REMOVED CHART "1379 TREE 431743N/0723351W". ADDED FAS OBST: "1500 AAO 431738N/0723351W". DELETED SDF AND INCREASED MDA CATCHES NEW OBSTACLES IN TARGETS EVALUATION.
15. CHANGED VDP DME/DISTANCE TO THLD FROM "2.93 DME/2.14 NM" TO "3.43 DME/2.65 NM" -- DECREASED GPA AND INCREASED LOC MDA.
16. REMOVED "CHART IN PLANVIEW: COGUL / EEN 26.7 DME" -- EEN DECOMMISSIONED DUE TO VORMON.
17. UPDATED ADDITIONAL FLIGHT DATA "FAC CROSSES RWY C/L EXTENDED 5374 FROM THLD" TO "FAC 70 FT R OF RWY C/L EXTENDED 3000 FT FROM THLD" -- TARGETS EVALUATION; 8260.19H, 8-6-10.G(2).
18. CHANGED MENNE TO RWY05 FROM "3.64/59" TO "3.50/59" -- GPA DECREASED TO MEET MAXIMUM CAT D GPA; 8260.3D, TABLE 2-6-1.
19. INCREASED S-05 MDA/HAT ALL CATS FROM "1540/965" TO "1760/1185" -- NEW CONTROLLING OBSTACLE AND 8260.3D, TABLE 3-3-4.
20. CHANGED CIRCLING MDA/HAA CAT A FROM "1560/983" TO "1760/1182", CAT B FROM "1720/1143" TO "1760/1182", CAT C FROM "1720/1143" TO "2600/2022", AND CAT D FROM "2400/1823" TO "2600/2022" -- NEW CIRCLING CRITERIA AND UPDATED AIRPORT ELEVATION FROM "577" TO "578".
21. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - 8260.19I 8-6-10.S.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, BVT FSS, AMGR

FLIGHT CHECKED BY

STEPHEN BAUER

Digitally signed by
JASON KRETSCHMER
Jan 29, 2021

OFFICE
FICO

DATE
01/27/2021

DEVELOPED BY

JASON KRETSCHMER (DANIEL C JOHNSEN)

Digitally signed by
JASON KRETSCHMER

OFFICE
AJV-A421

DATE
10/21/2020

APPROVED BY

MARLON ROBINSON

Jan 29, 2021
Digitally signed by
JASON KRETSCHMER
Jan 29, 2021

OFFICE
AJV-A420

DATE

TITLE
MANAGER

