

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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> 3LF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> LITCHFIELD	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 691	<u>TDZE</u> 691	<u>SUPERSEDED</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 07/18/2019
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 JANUARY 2024	<u>REQUIRED EFFECTIVE DATE</u> 01/25/2024	<u>MAG VAR</u> 1E <u>EPOCH YEAR</u> 1990 <u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CLEEK		UNEVE		TF	FB	1.00	179.13	14.26	3000
TWILA		SOPOC		TF	FB	1.00	016.20	18.61	3000
UNEVE	IAF	AFGUZ	NOPT	TF	FB	1.00	179.17	5.00	3000
SOPOC	IAF	AFGUZ	NOPT	TF	FB	1.00	359.17	5.00	3000
AFGUZ	IF/IAF	OMPIY		TF	FB	1.00	269.16	6.07	2300
OMPIY	FAF	RW27	MAP	TF	FO	0.30	269.09	4.93	
RW27	MAP	1091 MSL		CA			269.09		
1091 MSL		OFBEP		DF	FO	1.00			3000

MISSED APPROACH

MAP:
LNAV: RW27

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 3000 DIRECT OFBEP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
2. HOLD E AFGUZ, RT, 269.17 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 269.09
- FAF: OMPIY
- DIST FAF TO MAP: 4.93
- DIST FAF TO THLD: 4.93
4. MIN ALT: AFGUZ 3000, OMPIY 2300
5. DIST TO THLD FROM OM:
- MM:
- IM:
- 150 HAT:
- GS ANT:
6. MIN GP INCPT:
- GP ALT AT FAF:
- OM:
- MM:
- IM:
7. GP ANGLE:
- 34:1: IS NOT CLEAR
- 20:1: IS CLEAR
- TCH:
8. MSA FROM: RW27 2300

QUALITY
8
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGS1 AND DESCENT ANGLES NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLEEK ON V67 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TWILA ON V12 WESTBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND LNAV CAT C VISIBILITY 1/8 SM.
CHART SPEED ICON IN PLANVIEW AT UNEVE: MAX 210 KIAS.

CHART SPEED ICON IN PLANVIEW AT SOPOC: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 088.86 INBOUND.
FAS OBST: 857 AAO 391042N/0893357W.
CHART VDP AT 1.27 NM TO RW27.
OMPIY TO RW27: 3.00/40.
CHART NOTE: VDP NA WHEN USING TAYLORVILLE ALTIMETER SETTING.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - 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>
LNAV MDA	1120	1	429	1120	1	429	1120	1 1/4	429		NA				

CHANGES - REASONS

1. TERMINAL ROUTES/PROFILE LINE 3: COURSE/FAC CHANGED FROM 269.08 TO 269.09. - MOVED FAF AND AIRNAV DATA FOR RWY CHANGED.
2. TERMINAL ROUTES: REMOVED VLA VORTAC IAF AND IF AFGUZ-OMPIY COURSE/DIST CHANGED FROM 269.17/6.19 TO 269.16/6.07. - MOVED FAF TO NEW LOCATION IAW CURRENT CRITERIA.
3. PROFILE: LINE 2; ADDED MAX 6000, LINE 3; CHANGED DIST FAF TO MAP/THLD FROM 4.81 TO 4.93, LINE 7; ADDED 20:1 IS CLEAR. - IAW 8260.191 8-6-7, FAF WAS MOVED.
4. PBN REQUIREMENTS NOTE: CHANGED FROM RNP APCH TO RNP APCH-GPS. - IAW 8260.191 8-6-8.
5. NOTES: ADDED PROCEDURE NA FOR ARRIVALS AT TWILA ON V12 WESTBOUND AND PROCEDURE NA FOR ARRIVALS AT CLEEK ON V67 NORTHWEST BOUND, REMOVED PROCEDURE NA FOR ARRIVALS AT VLA VORTAC ON V12 WESTBOUND, AND ADDED CHART SPEED ICON IN PLANVIEW AT UNEVE/SOPOC: MAX 210 KIAS. - IAW 8260.191 8-2-5 AND AIRSPEED ADDED TO FACILITATE TURN IN 5 NM SEGMENT.
6. NOTES: CHANGED B/U ALTIMETER NOTE FROM "LNAV CAT C VISIBILITY TO 1 3/8 SM" TO "LNAV CAT C VISIBILITY 1/8 SM". - IAW 8260.191 8-6-9.
7. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM 846 TANK 391018N/0893959W TO 853 TANK (17-001145) 391018N/0894000W, AND CHANGED VDP FROM 1.30 TO 1.27. - NEW EVAL COMPLETE WITH NEW OBST AND IAW 8260.191 8-6-9 AND VDP CRITERIA CHANGED.
8. ADDITIONAL FLIGHT DATA: CHANGED TCH FROM 57 TO 40. - IAW 8260.3E TABLE 10-1-1.



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

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NBAA

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OTHER:

ZKC, STL APP CON, IL STATE AVIATION DIR, ARPT MGR

FLIGHT CHECKED BY

PENDING

OFFICE

DATE

Digitally signed by
ERIC N SUSKI
Nov 02, 2023

DEVELOPED BY

ERIC N SUSKI (ANDRE TUCKER)

Digitally signed by
ERIC N SUSKI
Nov 02, 2023

OFFICE

AJV-A431

DATE

09/05/2023

APPROVED BY

ERIC N SUSKI

Digitally signed by
ERIC N SUSKI
Nov 02, 2023

OFFICE

AJV-A430

DATE

01/25/2024

TITLE

MANAGER

