

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</u> ST LOUIS RGNL	<u>AIRPORT ID</u> KALN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> ALTON/ST LOUIS	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 544	<u>TDZE</u> 543	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 03/05/2015	<u>MAG VAR</u> 1W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 OCTOBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

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>
FASHE	IAF	JETIK	NOPT	TF	FB	1.00	106.65	8.68	2200
GIFTS	IAF	JETIK	NOPT	TF	FB	1.00	261.44	11.72	2200
JETIK	IF/IAF	POSIC		TF	FB	1.00	174.33	6.78	2200
POSIC	FAF	YERUL/1.80 NM TO RW17		TF	FB	0.30	174.34	3.30	
YERUL/1.80 NM TO RW17		RW17	MAP	TF	FO	0.30	174.34	1.80	
RW17	MAP	940 MSL		CA			174.34		
940 MSL		OGOVE		DF	FB	1.00			
OGOVE		TOY VORTAC		TF	FO	1.00	122.39	6.53	3000

MISSED APPROACH

MAP:

LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT OGOVE AND ON TRACK 122.39 TO TOY VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD N JETIK, RT, 174.33 INBOUND, 2200 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 174.34 FAF: POSIC DIST FAF TO MAP: 5.10 DIST FAF TO THLD: 5.10
4. MIN ALT: JETIK 2200, POSIC 2200, YERUL/1.80 NM TO RW17 1140
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
6. MIN GP INCPT: GP ALT AT FAF :
7. GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH:
8. MSA FROM: RW17 2700

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FASHE ON V9 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GIFTS ON V69 NORTH BOUND.

ADDITIONAL FLIGHT DATA:

POSIC TO RW17: 3.00/43
CHART VDP AT 1.14 NM TO RW17
CHART FAS OBST: 674 TOWER 385539N/0900351W.
HOLD W, RT, 082.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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
LNAV MDA	940	1	397	940	1	397	940	1 1/8	397	940	1 1/8	397			
CIRCLING	1000	1	456	1000	1	456	1000	1 1/2	456	1100	2	556			



AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
ST LOUIS RGNL	KALN	RNAV (GPS) RWY 17	1B	ALTON/ST LOUIS	IL

CHANGES - REASONS

- 1. CHANGED AIRPORT ELEVATION FROM 543 TO READ 544 - AIRNAV2 AIRPORT DATA RECORD UPDATE.
- 2. CHANGED MISSED APPROACH CA LEG ALTITUDE FROM 920 TO READ 940 IN TERMINAL ROUTES SECTION - LOWEST DA/MDA NOW 940 DUE TO NEW CONTROLLING OBSTACLE AND USE OF TDZE TO COMPUTE MDA INSTEAD OF THRE.
- 3. ADDED IS CLEAR TO 20:1 ON LINE 7 - REQUIRED BY CRITERIA.
- 4. ADDED RNP APCH TO PBN REQUIREMENTS NOTES SECTION - REQUIRED BY CRITERIA.
- 5. CHANGED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA TO READ CHART NOTE: RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED IN NOTES SECTION - 34:1 VISUAL SURFACE PENETRATED.
- 6. REMOVED CHART NOTE: DME/DME RNP-0.3 NA FROM NOTES SECTION - DOCUMENTATION NO LONGER REQUIRED BY CRITERIA.
- 7. CHANGED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAMBERT-ST LOUIS INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE LNAV CAT C AND D VISIBILITY 1/4 MILE TO READ CHART NOTE: USE ST LOUIS LAMBERT INTL ALTIMETER SETTING; INCREASE ALL MDA 60 FEET AND LNAV CATS C/D VISIBILITY 1/4 SM IN NOTES SECTION AND MOVED FROM NOTES SECTION TO 8260-9 GENERAL REMARKS SECTION - KALN AWOS-3 TRANSMITS TO WMSCR AND DOES NOT REQUIRE A PUBLISHED BACKUP ALTIMETER SOURCE/COMPUTED FOR CONTINGENCY.
- 8. REMOVED CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 17 PROCEDURE AND CIRCLING RWY 35 NA AT NIGHT FROM NOTES SECTION - DOCUMENTATION NO LONGER REQUIRED BY CRITERIA/NEW SURVEY/20:1 PENETRATIONS REMOVED.
- 9. CHANGED FAS OBSTACLE FROM 666 OL TO READ 674 TOWER IN ADDITIONAL FLIGHT DATA SECTION - NEW CONTROLLING OBSTACLE FOR LNAV STEPDOWN SEGMENT.
- 10. ADDED VDP TO ADDITIONAL FLIGHT DATA SECTION - 20:1 VISUAL SURFACE PENETRATORS REMOVED/NEW SURVEY.
- 11. CHANGED LNAV ALL CATS MDA/HAT FROM 920 / 386 TO READ 940 / 397 IN MINIMUMS SECTION - NEW CONTROLLING OBSTACLE FOR LNAV STEPDOWN SEGMENT.
- 12. CHANGED CIRCLING CAT A CMDA/HAA FROM 980 / 435 TO READ 1000 / 456 IN MINIMUMS SECTION - NEW CONTROLLING OBSTACLE/AIRPORT ELEVATION NOW 544.
- 13. CHANGED CIRCLING CATS B/C HAA FROM 455 TO READ 456 IN MINIMUMS SECTION - AIRPORT ELEVATION NOW 544.
- 14. CHANGED CIRCLING CAT D HAA FROM 555 TO READ 556 IN MINIMUMS SECTION - AIRPORT ELEVATION NOW 544.

PDF EDITS:

- 1. REMOVED ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED FROM GENERAL REMARKS SECTION.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZKC, STL APP CON, ALN ATCT, AMGR, ATA

FLIGHT CHECKED BY

ANTHONY D VALLERA

Digitally signed by
DEZ SILAGYI
Aug 27, 2018

OFFICE

FICO

DATE

8/22/18

DEVELOPED BY

MICHAEL R. GARRITY JR.

Digitally signed by
MICHAEL GARRITY
Jun 29, 2018

OFFICE

AJV-5421

DATE

05/15/2018

APPROVED BY

JULIE MORGAN

Digitally signed by
DEZ SILAGYI
Aug 27, 2018

OFFICE

AJV-5420

DATE

TITLE

MANAGER

