

**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> KSER	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> SEYMOUR	<u>STATE</u> IN		
<u>AIRPORT ELEVATION</u> 583	<u>TDZE</u> 583	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 10/16/2014	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 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>
DECEE		RUYOT		TF	FO	1.00	229.17	21.54	2600
MOUTH	IAF	RUYOT	NOPT	TF	FB	1.00	158.94	19.18	2600
RUYOT	IF/IAF	TOLUY		TF	FB	1.00	135.99	6.01	2500
TOLUY	FAF	BEGND/3.20 NM TO RW14		TF	FB	0.30	136.03	2.69	
BEGND/3.20 NM TO RW14		RW14	MAP	TF	FO	0.30	136.03	3.20	
RW14	MAP	860 MSL		CA			136.03		
860 MSL		ZEKAM		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 DIRECT ZEKAM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



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
LPV DA	860	7/8	277	860	7/8	277	860	7/8	277	860	7/8	277			
LNAV/VNAV DA	1037	1 3/8	454	1037	1 3/8	454	1037	1 3/8	454	1037	1 3/8	454			
LNAV MDA	980	1	397	980	1	397	980	1 1/8	397	980	1 1/8	397			
CIRCLING	1040	1	457	1100	1	517	1300	2	717	1300	2 1/4	717			

CHANGES - REASONS

1. CHANGED CIRCLING CAT B FROM 1080/497 TO 1100/517 - NEW CONTROLLING OBSTACLE.
2. ADDED 20:1 IS CLEAR - NO 20:1 PENETRATIONS.
3. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" - IAW 8260.19I.
4. ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" - IAW 8260.19I.
5. REMOVED FAHRENHEIT VALUES FROM CHART NOTE "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F) - IAW 8260.19I.
6. LTP/FTP COORDINATES CHANGED FROM "385543.3800N/0855515.4580W" TO "385543.3730N/0855515.4470W" - NEW SURVEY.
7. LTP/FPAP ORTHOMETRIC HEIGHT CHANGED FROM 1777 TO 1776 - NEW SURVEY.
8. CRC REMAINDER CHANGED FROM "386CEEC2" TO "0EE2F44A" - LTP/FPAP COORDINATES AND ORTHOMETRIC HEIGHT CHANGED.
9. CHANGED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - IAW 8260.19I.
10. CHANGED VDP FROM 1.18 MILE TO RW 14 TO 1.17 MILES TO RW 14 - LTP ELEVATION CHANGED.
11. CHANGED CHART NOTE FROM "BARO-VNAV AND VDP NA WHEN USING LOUISVILLE INTL-STANDIFORD FIELD ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING LOUISVILLE MUHAMMAD ALI INTL ALTIMETER SETTING" - AIRPORT NAME CHANGE 02/04/2019.
12. CHANGED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUISVILLE INTL-STANDIFORD FIELD ALTIMETER SETTING AND INCREASE ALL DA 117 FT AND ALL MDA 120 FT; INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS AND CIRCLING CAT C/D VISIBILITY 1/2 MILE AND LNAV CAT C/D VISIBILITY 1/4 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUISVILLE MUHAMMAD ALI INTL ALTIMETER SETTING AND INCREASE ALL DA 117 FT AND ALL MDA 120 FT; INCREASE LPV AND LNAV/VNAV ALL CATS AND LNAV AND CIRCLING CATS C/D VISIBILITY 1/4 SM." - APPLIED NEW INOP TABLE AND NEW CIRCLING OBSTACLE.
13. CHANGED LP ALL CATS VISIBILITY FROM 1 TO 7/8 - APPLIED NEW INOP TABLE.

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

GLEN B FREEMAN

OFFICE

FICO

DATE

06/17/2021

DEVELOPED BY

TAYLOR B. GIBSON

Digitally signed by

DONALD H LANIER

Jun 21, 2021

Digitally signed by

DONALD H LANIER

Jun 21, 2021

OFFICE

AJV-A431

DATE

12/30/2020

OFFICE

AJV-A430

DATE**APPROVED BY**

LONNIE EVERHART

Digitally signed by

DONALD H LANIER

Jun 21, 2021



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSER
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	385543.3730N
LTP/FTP LONGITUDE	0855515.4470W
LTP/FTP ELLIPSOIDAL HEIGHT	+01438
FPAP LATITUDE	385441.3055N
FPAP LONGITUDE	0855353.4660W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0EE2F44A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01776
FPAP ORTHOMETRIC HEIGHT	+01776

