

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>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
ALLENTOWN QUEEN CITY MUNI	KXLL	RNAV (GPS) RWY 7	1E	ALLENTOWN	PA	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
399	390	RNAV (GPS) RWY 7	1D	03/03/2016	12W	2005
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV		3 JANUARY 2019	ROUTINE			

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>
PINNA		DOSTR		TF	FO	2.00	160.12	10.40	3000
KATVE	IAF	DOSTR	NOPT	TF	FB	1.00	000.25	3.92	3000
FLOAT	IAF	DOSTR	NOPT	TF	FB	1.00	088.24	7.90	3000
DOSTR	IF/IAF	YEZJO		TF	FB	1.00	070.11	6.10	2300
YEZJO	FAF	CADAX/4.00 NM TO RW07		TF	FB	0.30	070.18	1.88	
CADAX/4.00 NM TO RW07		RW07	MAP	TF	FO	0.30	070.18	4.00	
RW07	MAP	940 MSL		CA			070.18		
940 MSL		DOSTR		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW07
 LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3000 DIRECT DOSTR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD W DOSTR, RT, 070.11 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 070.18FAF: YEZJODIST FAF TO MAP: 5.88DIST FAF TO THLD: 5.88

4. MIN ALT: DOSTR 3000, YEZJO 2300, CADAX/4.00 NM TO RW07 1700

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:MM:IM:

6. MIN GP INCPT:GP ALT AT FAF :OM:

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM: RW07 3600

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: CIRCLING NA S OF RWYS 7 AND 25.
CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PINNA ON V30 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KATVE ON V457 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FLOAT ON V39 SOUTHWEST BOUND.
CHART NOTE: PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

YEZJO TO RW07: 3.00/41
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
WAAS CHANNEL #61224
REFERENCE PATH ID: W07A
CHART FAS OBST: 593 TREE 403309N/0753157W, 580 TREE 403309N/0753138W.
810 AAO 403012N/0753606W, 630 AAO 403139N/0753402W.
LTP HAE: 83.2 M

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
LP MDA	940	1	550	940	1	550	940	1 5/8	550		NA				
LNAV MDA	1060	1	670	1060	1	670	1060	1 7/8	670		NA				
CIRCLING	1060	1	661	1060	1	661	1060	1 7/8	661		NA				



CHANGES - REASONS

1. DELETED CHART NOTE "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEHIGH VALLEY INTL ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET AND INCREASE LP CAT C VISIBILITY TO 1 1/4" - NOTE MOVED TO BACK OF -9 AS CONTINGENCY NOTE.
2. ADDED CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - REQUIRED NOTE ADDED TO PROCEDURE FOR HELICOPTER REDUCTION MINIMA.
3. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" - IAW 8260.19H, PARA 1-1-5F(14), REMOVED THE REQUIREMENT FOR THIS NOTE.
4. ADDED PBN EQUIPMENT REQUIREMENTS NOTE: RNP APCH - EQUIPMENT REQUIREMENTS NOTE APPLIED PER 8260.58A, CHANGE 1.
5. LP MDA/HAT CHANGED FROM "800/410" TO "940/550" - NEW CONTROLLING OBSTACLE FOUND.
6. LNAV MDA/HAT CHANGED FROM "1040/650" TO "1060/670. - NEW CONTROLLING OBSTACLE FOUND AND MISSED APPROACH SECTION 2 PENETRATION.
7. CIRCLING MDA/HAA CHANGED FROM "1040/641" TO "1060/661" - MINIMA ADJUSTED TO "SI" MINIMA.
8. ADDED CHART NOTE: PROCEDURE NA AT NIGHT - UNLT 20:1 PENETRATIONS REMAIN MAKING PROCEDURE NA AT NIGHT.
9. CRC REMAINDER CHANGED FROM "E9D4CFC7" TO "C918DF4F" - UPDATED LTP LOCATION AND CHANGE TO LENGTH OFFSET (1544 TO 1552).
10. ADDED MAX ALTITUDE OF 6000 AT IF/IAF DOSTR - NEW REPORTS FORMAT INCLUDES MAXIMUM ALTITUDE AT HOLD-IN-LIEU FIX.

NOTAM IFDC 8/7999HAS BEEN INCORPORATED INTO THIS AMENDMENT.

PDF EDIT 7/25/18: JAMES LAFFERTY, REMOVED LNAV MISSED APPROACH OBSTACLE FROM LP MISSED APPROACH SECTION.

PDF EDIT 7/25/18: JAMES LAFFERTY, REMOVED THE CIRCLING STATEMENT "ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED".

- 10/31/2018: THIS IS AN UPDAED COPY OF THE FORM DEVELOPED 03/30/2018.
1. VDA ANGLE AND TCH REMOVED PER FLIGHT INSPECTION, CHART PROFILE NOTE ADDED, VISUAL SEGMENT - OBSTACLES.
2. CRC CHANGED FROMC918DF4F TO ED08608A.

- 11/13/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/8/18.
- (8260-3 CORRECTED)
1. ADDED BACK "RNP APCH" IN PBN REQUIREMENTS NOTE SECTION - INADVERTENTLY REMOVED.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZNY, ABE APP CON, K1N9 AIRPORT MANAGER,

FLIGHT CHECKED BY
DURLEY JAN FELDER

Digitally signed by
DAVID TEFFETELLER
Nov 13, 2018

OFFICE
FIOG

DATE
10/25/2018

DEVELOPED BY
HOWARD L. HAWKINS, JR.

Digitally signed by
DAVID TEFFETELLER
Nov 13, 2018

OFFICE
AJV-5433

DATE
07/16/2018

APPROVED BY
PATRICK MULQUEEN

Digitally signed by
DAVID TEFFETELLER
Nov 13, 2018

OFFICE
AJV-5430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KXLL
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	403359.6495N
LTP/FTP LONGITUDE	0752939.4100W
LTP/FTP ELLIPSOIDAL HEIGHT	+00832
FPAP LATITUDE	403446.5600N
FPAP LONGITUDE	0752759.9700W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1552
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER	ED08608A
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01178
FPAP ORTHOMETRIC HEIGHT	+01178

