

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**ILS STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.29**

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> LEHIGH VALLEY INTL	<u>AIRPORT ID</u> KABE	<u>PROCEDURE NAME</u> ILS OR LOC RWY 6 ILS RWY 6 SA CAT I, ILS RWY 6 SA CAT II	<u>ORIGINAL/AMENDMENT</u> 24	<u>CITY</u> ALLENTOWN	<u>STATE</u> PA	
<u>AIRPORT ELEVATION</u> 394	<u>TDZE</u> 394	<u>SUPERSEDED</u> ILS OR LOC RWY 6	<u>ORIGINAL/AMENDMENT</u> 23B	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> I-ABE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> 01/04/2018	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**      THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-01.

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
ETX VOR/DME		JISTO INT/RADAR					179.28	4.13	3000
JISTO INT/RADAR	IF/IAF	SHAGY INT/RADAR					063.26	6.68 (I-ABE)	2400

**MISSED APPROACH**

**MAP:**

ILS: DA  
 LOC: 6.12 NM AFTER SHAGY INT/RADAR

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 ON HEADING 063.26 AND STW R-243 TO MUDRE INT/STW 20.53 DME/RADAR AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 900 THEN CLIMBING LEFT TURN TO 3000 DIRECT FJC VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.


**PROFILE:**

1. PT      **SIDE OF COURSE**      **OUTBOUND**      **FT WITHIN**      **MILES OF (IAF)**
2. HOLD SW JISTO, RT, 063.26 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 4800.
3. **FAC:** 063.26      **FAF:** SHAGY INT/RADAR      **DIST FAF TO MAP:** 6.12      **DIST FAF TO THLD:** 6.12
4. **MIN ALT:** JISTO INT/RADAR 3000, SHAGY INT/RADAR 2400
5. **DIST TO THLD FROM OM:**      **MM:**      **IM:**      **100 HAT:** 830      **150 HAT:** 1784      **GS ANT:** 1221
6. **MIN GS INCPT:** 2400      **GS ALT AT FAF :** SHAGY INT/RADAR 2400      **OM:**      **MM:**      **IM:**
7. **GP ANGLE:** 3.00      **34:1:**      **20:1:**      **TCH:** 56.5
8. **MSA FROM:** ETX VOR/DME 080-260 2600, 260-080 3600

**EQUIPMENT REQUIREMENTS NOTES:**



NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 6: CAT A, B, C, D, RA 154, RVR 1400, HAT 150, DA 544 MSL.  
SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 6: CAT A, B, C, D, RA 114, RVR 1200, HAT 100, DA 494 MSL.   
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC OR LOA APPROVAL AND USE OF HUD TO DH.  
SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.  
CHART NOTE: \*\*RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

FAS OBST: 650 AAO 403515N/0753259W.  
CHART CIRCLING ICON.  
CHART IN PLANVIEW: FJC VORTAC  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W FJC VORTAC, RT, 104.00 INBOUND.  
HOLD NE, RT, 243.06 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT C 800-2 1/4, CAT D 1300-3

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-ILS 06**	594	2400	200	594	2400	200	594	2400	200	594	2400	200			
S-LOC 06	920	2400	526	920	2400	526	920	5500	526	920	5500	526			
CIRCLING	920	1	526	920	1	526	1180	2 1/4	786	1600	3	1206			

CHANGES - REASONS

1. CHANGED THRE 394 TO TDZE 394 - PREVIOUSLY CHARTED CHANGE FROM P-NOTAM AMENDMENT 23A.
2. PROFILE LINE 2: ADDED "MAX 4800" - IAW 8260.19H DOCUMENTATION CRITERIA.
3. PROFILE LINE 5: ADDED "100 HAT: 830" AND "150 HAT: 1784". CHANGED GS ANT FROM 1219 TO 1221 - ADDED SA CAT I AND SA CAT II PER AIRPORT REQUEST.
4. ADDED SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 06: CAT A, B, C, D, RA 154, RVR 1400, HAT 150, DA 544 MSL. - SA CAT I REQUESTED BY AIRPORT.
5. ADDED SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 06: CAT A, B, C, D, RA 114, RVR 1200, HAT 100, DA 494 MSL - SA CAT II REQUESTED BY AIRPORT.
6. ADDED SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC OR LOA APPROVAL AND USE OF HUD TO DH - NOTE REQUIRED FOR SA CAT I MINIMUMS.
7. ADDED SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN - NOTE REQUIRED, RWY DOES NOT HAVE TOUCHDOWN ZONE LIGHTS FOR SA CAT II MINIMUMS.
8. ADDED "CHART CIRLING ICON" TO ADDITIONAL FLIGHT DATA - PREVIOUSLY CHARTED CHANGE FROM P-NOTAM AMENDMENT 23B.
9. FAS OBST MSL ELEVATION CHANGED FROM 659 TO 650 IN ADDITIONAL FLIGHT DATA - UPDATED FROCEDURE EVALUATION.
10. CIRCLING CAT C MDA / HAA / VIS CHANGED FROM 920 / 526 / 1 1/2 TO 1180 / 786 / 2 1/4 - PREVIOUSLY CHARTED CHANGE FROM P-NOTAM AMENDMENT 23B.
11. CIRCLING CAT D MDA / HAA / VIS CHANGED FROM 980 / 586 / 2 TO 1600 / 1206 / 3 - PREVIOUSLY CHARTED CHANGE FROM P-NOTAM AMENDMENT 23B.
12. ALTERNATE MINIMUMS CHANGED FROM LOC: STANDARD TO LOC: STANDARD - CAT C 800-2 1/4, CAT D 1300-3 - PREVIOUSLY CHARTED CHANGE FROM P-NOTAM AMENDMENT 23B.

PDF EDIT: ADDED LINE 5 100 HAT: 830

11/27/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/30/18.

1. ADD CATS B,C,D TO THE "SA CAT I/II ILS NOTES"



COORDINATED WITH:

A4A ☒    ALPA ☒    AOPA ☒    APA ☒    HAI ☐    NBAA ☒    OTHER: ABE APP CON, AMGR, ZNY

<u>FLIGHT CHECKED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
DURLEY J FELDER	<b>ROBERT G HAMILTON</b>	FICO	10/25/18
	Oct 30, 2018		

<u>DEVELOPED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
JULIE A. MORGAN (JAY BAGGETT)	<b>ROBERT G HAMILTON</b>	AJV-5420	09/05/2018
	Oct 30, 2018		

<u>APPROVED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
JULIE MORGAN	<b>ROBERT G HAMILTON</b>	AJV-5420		MANAGER
	Oct 30, 2018			

