

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> TRENTON MERCER	<u>AIRPORT ID</u> KTTN	<u>PROCEDURE NAME</u> ILS OR LOC RWY 6	<u>ORIGINAL/AMENDMENT</u> 10D	<u>CITY</u> TRENTON	<u>STATE</u> NJ	
<u>AIRPORT ELEVATION</u> 213	<u>TDZE</u> 186	<u>SUPERSEDED</u> ILS OR LOC RWY 6	<u>ORIGINAL/AMENDMENT</u> 10C	<u>DATED</u> 06/23/2016	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-TTN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<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>
ARD VOR/DME		ZUBAX INT					221.85	7.98	2700
ZUBAX INT	IF/IAF	COPIX INT					058.47	6.00 (I-TTN)	1900

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.27 NM AFTER COPIX INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2700 DIRECT ARD VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD SW ZUBAX, RT, 058.48 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 4600.
3. **FAC:** 058.48 **FAF:** COPIX INT **DIST FAF TO MAP:** 5.27 **DIST FAF TO THLD:** 5.27
4. **MIN ALT:** ZUBAX INT 2700, COPIX INT 1900, EMUNY INT 840*
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 977
6. **MIN GS INCPT:** 1900 **GS ALT AT FAF :** COPIX INT 1900 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 59.9
8. **MSA FROM:** ARD VOR/DME 2600

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: WHEN CIRCLING TO RWY 34 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.



*LOC ONLY

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ARD VOR/DME AIRWAY RADIALS 200 CW 277.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE EMUNY FIX MINIMUMS S-LOC 6 CAT C/D VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 274 TREE 401551N/0744928W.

HOLD E, RT, 289.02 INBOUND

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED; LOC: STANDARD - NA WHEN CONTROL TOWER CLOSED.

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	414	1/2	228	414	1/2	228	414	1/2	228	414	1/2	228			
S-LOC 06	840	1/2	654	840	1/2	654	840	1 3/8	654	840	1 3/8	654			
CIRCLING	840	1	627	840	1	627	840	1 7/8	627	840	2	627			
EMUNY FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)															
S-LOC 06	540	1/2	354	540	1/2	354	540	5/8	354	540	5/8	354			
CIRCLING	680	1	467	680	1	467	680	1 1/2	467	780	2	567			

CHANGES - REASONS

1. REMOVED ALTERNATE MISSED APPROACH AND ASSOCIATED NOTES IN ADD'L FLIGHT DATA - ALTERNATE MISSED APPROACH FACILITY (PNE VOR) DECOMMISSIONING; ATC DOES NOT DESIRE A REDESIGNED ALTERNATE MISSED APPROACH AT THIS TIME.
2. CHANGED THRE 160 TO TDZE 186 - CURRENT CRITERIA (AMDT 10A P-NOTAM).
3. S-ILS 6 DA ALL CATS CHANGED FROM 388 TO 414 - THRE TO TDZE CONVERSION.
4. S-LOC 6 HAT ALL CATS CHANGED FROM 680 TO 654 - THRE TO TDZE CONVERSION.
5. S-LOC 6 CAT C/D VISIBILITY CHANGED FROM 5/8 TO 1 3/8 - APPLIED CURRENT VISIBILITY CRITERIA (AMDT 10C P-NOTAM).
6. CIRCLING CAT C VIBISILITY CHANGED FROM 1 1/2 TO 1 7/8 - APPLIED CURRENT VISIBILITY CRITERIA.
7. EMUNY FIX MINIMUMS S-LOC 6 HAT ALL CATS CHANGED FROM 380 TO 354 - THRE TO TDZE CONVERSION.
8. ALTERNATE MINIMUMS FOR ILS CHANGED FROM CAT A, B, C, D 700-2 TO STANDARD, NA WHEN CONTROL TOWER CLOSED; ADDED NA WHEN CONTROL TOWER CLOSED TO LOC ALTERNATE MINIMUMS - APPLIED CURRENT VISIBILITY CRITERIA FOR PRECISION ALTERNATE MINIMUMS AND ADDED RESTRICTION TO ADDRESS TIMES WHEN ILS MONITORING STATUS IS CAT 3.
9. REMOVED BACK-UP ALTIMETER CHART NOTE AND ALTERNATE MINIMUMS NOTE NA WHEN LOCAL WEATHER NOT AVAILABLE - PER FPT APPROVAL LOCAL ASOS TRANSMITTED ON WMSCR.
10. UPDATED WORDING FOR VGSI MITIGATION NOTE FROM "WHEN VGSI INOP, CIRCLING RWY 34 NA AT NIGHT" TO "WHEN CIRCLING TO RWY 34 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI" - CURRENT DOCUMENTATION CRITERIA.
11. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ARD VOR/DME AIRWAY RADIALS 200 CW 277 - PRECLUDE TURN GREATER THAN 120 DEGREES DURING TRANSITION FROM ENROUTE TO FEEDER SEGMENT.
12. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE EMUNY FIX MINIMUMS S-LOC 6 CAT C/D VISIBILITY TO 1 SM - INOP TABLE ADJUSTMENT DOES NOT MATCH REQUIRED ADJUSTMENT.
13. CHART FAS OBST CHANGED FROM 271 TREE TO 274 TREE - REEVALUATED FINAL AND APPLIED CURRENT OBSTACLE SURVEY, NEW CONTROLLING OBSTACLE IDENTIFIED, DID NOT AFFECT MDA.
14. APT ELEV CHANGED FROM 212 TO 213 - CURRENT AIRNAV DATA.
15. CIRCLING ALL CATS HAA CHANGED FROM 628 TO 627; EMUNY FIX MINIMUMS CIRCLING CATS A-C HAA CHANGED FROM 468 TO 467 AND CAT D HAA CHANGED FROM 568 TO 567 - RECALCULATED BASED ON NEW APT ELEV.

QUALITY
41
CHECKED

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZNY, PHL APCH, TTN ATCT, APT MGR, ATA

FLIGHT CHECKED BY

DURLEY J FELDER

Digitally signed by
ROBERT G HAMILTON
Jul 30, 2018

OFFICE

FICO

DATE

7/24/18

DEVELOPED BY

JEFFREY ROBINSON

Digitally signed by
JEFFREY ROBINSON
Jun 11, 2018

OFFICE

AJV-5421

DATE

05/02/2018

APPROVED BY

JULIE MORGAN

Digitally signed by
ROBERT G HAMILTON
Jul 30, 2018

OFFICE

AJV-5420

DATE

TITLE

MANAGER

