

**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 ID</u> KBTP | <u>PROCEDURE NAME</u> ILS OR LOC RWY 8 | <u>ORIGINAL/AMENDMENT</u> 10 | <u>CITY</u> BUTLER | <u>STATE</u> PA | | |
| <u>AIRPORT ELEVATION</u> 1248 | <u>TDZE</u> 1247 | <u>SUPERSEDED</u> ILS OR LOC RWY 8 | <u>ORIGINAL/AMENDMENT</u> 9 | <u>DATED</u> 12/07/2017 | <u>MAG VAR</u> 8W | <u>EPOCH YEAR</u> 1985 |
| <u>FACILITY</u> I-BTP | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 31 DECEMBER 2020 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | | |

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 20-25.

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|-----------------|----------|-----------------|----------|----------|-------|-----|--------|--------------|----------|
| EWC VOR/DME | | WOTID INT/RADAR | | | | | 183.04 | 6.62 | 3000 |
| WOTID INT/RADAR | IF/IAF | ZUGOP INT/RADAR | ← | | | | 079.95 | 6.10 (I-BTP) | 3000 |

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.40 NM AFTER ZUGOP INT/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 3000 DIRECT EWC VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD W WOTID, RT, 079.95 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 5000.
3. **FAC:** 079.95 **FAF:** ZUGOP INT/RADAR **DIST FAF TO MAP:** 5.40 **DIST FAF TO THLD:** 5.40
4. **MIN ALT:** WOTID INT/RADAR 3000, ZUGOP INT/RADAR 3000, WOPOG INT 1740*
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 875
6. **MIN GS INCPT:** 3000 **GS ALT AT FAF :** ZUGOP INT/RADAR 3000 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 53.8
8. **MSA FROM:** EWC VOR/DME 360-270 3100, 270-360 3600

EQUIPMENT REQUIREMENTS NOTES:



NOTES:

CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

*LOC ONLY

CHART NOTE: CIRCLING RWY 26 NA AT NIGHT.

CHART NOTE: S-ILS 08 INOPERATIVE TABLE DOES NOT APPLY.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 100.00 INBOUND.

CHART FAS OBST: 1315 TREE 404617N/0795817W.

CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT C 900-2 1/2, CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

| <u>CATEGORY:</u> | <u>A</u> | | | <u>B</u> | | | <u>C</u> | | | <u>D</u> | | | <u>E</u> | | |
|--|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|
| <u>FINAL TYPE</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> |
| S-ILS 08 | 1497 | 3/4 | 250 | 1497 | 3/4 | 250 | 1497 | 3/4 | 250 | 1497 | 3/4 | 250 | | | |
| S-LOC 08 | 1740 | 3/4 | 493 | 1740 | 3/4 | 493 | 1740 | 1 1/8 | 493 | 1740 | 1 1/8 | 493 | | | |
| CIRCLING | 1820 | 1 | 572 | 1820 | 1 | 572 | 2080 | 2 1/2 | 832 | 2080 | 2 3/4 | 832 | | | |
| WOPOG FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED) | | | | | | | | | | | | | | | |
| S-LOC 08 | 1580 | 3/4 | 333 | 1580 | 3/4 | 333 | 1580 | 3/4 | 333 | 1580 | 3/4 | 333 | | | |
| CIRCLING | 1820 | 1 | 572 | 1820 | 1 | 572 | 2080 | 2 1/2 | 832 | 2080 | 2 3/4 | 832 | | | |

CHANGES - REASONS

1. DELETED ALTERNATE MISSED APPROACH - PER ATC/FPT CHECKLIST REQUEST DUE TO NAVAID RESTRICTIONS.
2. CHANGED EWC VOR/DME MISSED HOLDING INBOUND CRSE FROM 112.00 TO 100.00 - PER ATC/FPT REQUEST AND DUE UNUSABLE RADIALS.
3. DELETED GRACE INT, RT, 228.00 INBOUND FROM ADDITIONAL FLIGHT DATA - ALTERNATE MISSED DELETED.
4. DELETED CHART IN PLANVIEW: GRACE INT. FROM ADDITIONAL FLIGHT DATA - ALTERNATE MISSED DELETED.
5. UPDATED S-LOC 8 CATS C/D VISIBILITY FROM 1 1/2 SM TO 1 1/8 SM - PER CRITERIA VISI CHECK TOOL.
6. UPDATED CHART NOTE AND MOVED TO BACK OF 8260-9, FROM: FOR INOPERATIVE ALS INCREASE S-LOC 08 WOPOG VISIBILITY MINIMUMS TO 1 SM TO FOR INOPERATIVE ALS WHEN USING PITTSBURGH INTL ALTIMETER SETTING, INCREASE S-ILS 8 ALL CATS VISIBILITY TO 7/8 SM AND ADDED *1840 WHEN USING PITTSBURGH INTL ALTIMETER SETTING. - PER 8260.19H.
7. ADDED: NA WHEN LOCAL WEATHER NOT AVAILABLE TO ALTERNATE MINS FOR ILS AMD LOC - PER 8260.19H.
8. UPDATED PROFILE LINE #2 INBOUND CRSE FROM 079.96 TO 079.95 - ALIGNS WITH ILS.
9. ADDED CHART NOTES: CIRCLING RWY 26 NA AT NIGHT AND S-ILS 08 INOPERATIVE TABLE DOES NOT APPLY - RWY 26 20:1 IDENTIFIED AND PER .19H VISIBILITY TABLE.

11/520: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/5/20.

UPDATED WOPOG INT DESCRIPTION FROM I-BTP 2.64 DME TO WOPOG INT - DME NOT AVAILABLE.



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZOB ARTCC, PIT APP CON, AIRPORT MANAGER

FLIGHT CHECKED BY

ROBERT STEPHEN PRESSLER

Digitally signed by

JON DENTON

Nov 17, 2020

OFFICE

FIOG

DATE

10/01/2020

DEVELOPED BY

SYLVAN DRAKES *Digitally signed by* **SYLVAN DRAKES**

Nov 05, 2020

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JON DENTON

Nov 17, 2020

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