

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> PIT	<u>PROCEDURE NAME</u> ILS OR LOC RWY 10R ILS RWY 10R (SA CAT I) ILS RWY 10R (CAT II) ILS RWY 10R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 11	<u>CITY</u> PITTSBURGH	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 1203	<u>TDZE</u> 10R 1135 10C 1141	<u>SUPERSEDED</u> ILS OR LOC RWY 10R ILS RWY 10R (SA CAT I) ILS RWY 10R (CAT II) ILS RWY 10R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 10G	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 9W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-GUT	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 24-26.

<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>
AGC VOR/DME		MUFTI INT/MMJ 16.19 DME/RADAR					308.24	26.58	5000
MUFTI INT/MMJ 16.19 DME/RADAR	IF/IAF	WIILE INT/MMJ 12.23 DME/RADAR					100.95 (I-GUT)	3.97	4000
WIILE INT/MMJ 12.23 DME/RADAR		STARG INT/MMJ 8.35 DME/RADAR					100.95 (I-GUT)	3.87	3000

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.70 NM AFTER STARG INT/MMJ 8.35 DME/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 5000 DIRECT AGC VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 5000 DIRECT HLG VOR/DME AND HOLD.

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD W MUFTI INT/MMJ 16.19 DME/RADAR, RT, 100.95 INBOUND, 5000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 100.95	FAF: STARG INT/MMJ 8.35 DME/RADAR	DIST FAF TO MAP: 5.70	DIST FAF TO THLD: 5.70		
4. MIN ALT: MUFTI INT/MMJ 16.19 DME/RADAR 5000, WIILE INT/MMJ 12.23 DME/RADAR 4000, STARG INT/MMJ 8.35 DME/RADAR 3000					
5. DIST TO THLD FROM OM: MM: IM: 930.00 100 HAT: 940.00 150 HAT: 1893.00 GS ANT: 999					
6. MIN GS INCPT: 3000 GS ALT AT PFAF: STARG INT/MMJ 8.35 DME/RADAR 3000 OM: MM: IM: 1234					
7. GS ANGLE: 3.00 34:1 20:1 TCH: 50.9					
8. MSA FROM: AGC VOR/DME 090-180 3800, 180-090 3100					

QUALITY
16
CHECKED

NOTES:
SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 10R: CAT A, B, C, D, RA 160, RVR 1400, HAT 150, DA 1285 MSL
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 10R: CAT A, B, C, D, RA 97, RVR 1200, HAT 100, DA 1235 MSL
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 10R: CAT A, B, C, D, RVR 600
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 10R CAT E VISIBILITY TO RVR 4000 AND S-LOC 10R CAT E VISIBILITY TO 1 1/2 SM.

ADDITIONAL FLIGHT DATA:
CHART IN PLANVIEW: HLG VOR/DME.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE, LT, 223.00 INBOUND

HOLD NW, RT, 128.24 INBOUND.
FAS OBST: 1398 AAO 402912N/0802039W.
CHART VDP AT 4.08 DME.
DISTANCE VDP TO THLD 1.42 NM.
CHART CIRCLING ICON.

MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT
ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/4, CAT E 800-2 1/2

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 10R	1335	1800	200	1335	1800	200	1335	1800	200	1335	1800	200	1335	2400	200
S-LOC 10R	1660	2400	525	1660	2400	525	1660	5500	525	1660	5500	525	1660	5500	525
SIDESTEP 10C	1660	5000	519	1660	5000	519	1660	1 1/2	519	1660	2	519	1660	2	519
CIRCLING	1700	1	497	1700	1	497	1880	2	677	1880	2 1/4	677	1900	2 1/2	697

CHANGES - REASONS

1. INCREASED S-LOC 10R MDA/HAT FROM 1620/485 TO 1660/525; VISIBILITY CAT C FROM RVR 2400 TO 5500, CAT D FROM RVR 5000 TO 5500; DECREASED VISIBILITY CAT E FROM RVR 6000 TO 5500. – NEW CONTROLLING OBSTACLE.
2. INCREASED SIDESTEP 10C MDA/HAT FROM 1620/479 TO 1660/519; VISIBILITY CAT A/B FROM RVR 5000 TO 5500; DECREASED VISIBILITY CAT E FROM 2 1/4 TO 2. – NEW CONTROLLING OBSTACLE.
3. INCREASED CIRCLING CAT E MDA/HAA FROM 1880/677 TO 1900/697. – NEW CONTROLLING OBSTACLE.
4. UPDATED FIX DESCRIPTION FOR WILE FROM "WILE INT/MMJ 12.22 DME/RADAR" TO "WILE INT/MMJ 12.23 DME/RADAR"; FIX DESCRIPTION FOR STARG FROM "STARG INT/MMJ 8.26 DME/RADAR" TO "STARG INT/MMJ 8.35 DME/RADAR" – FIX STARG MOVED TO ACCOMMODATE 50.9 DESIGN TCH.
5. UPDATED DISTANCE FROM WILE TO STARG FROM 3.96 TO 3.87. - FIX STARG MOVED TO ACCOMMODATE 50.9 DESIGN TCH.
6. LINE 3: UPDATED DIST FAF TO MAP/THLD FROM 5.61 TO 5.70. - FIX STARG MOVED TO ACCOMMODATE 50.9 DESIGN TCH.
7. LINE 7: UPDATED TCH FROM 51.4 TO 50.9. – TO MATCH DESIGN TCH.
8. UPDATED NOTE: SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 10R: FROM "CAT A, B, C, D, RA NA, RVR 1400, HAT 150, DA 1285 MSL" TO "CAT A, B, C, D, RA 160, RVR 1400, HAT 150, DA 1285 MSL." – UPDATED EVALUATION.
9. UPDATED NOTE: CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 10R: FROM "CAT A, B, C, D, RA NA, RVR 1200, HAT 100, DA 1235 MSL" TO "CAT A, B, C, D, RA 97, RVR 1200, HAT 100, DA 1235 MSL." - UPDATED EVALUATION/
10. UPDATED NOTE: CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 10R: FROM "CAT III CAT A, B, C, D, RVR 700" TO "CAT III CAT A, B, C, D, RVR 600." – UPDATED EVALUATION.
11. CHANGED NOTE FROM "SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 10L" TO "SIMULTANEOUS APPROACH AUTHORIZED" - 8260.19J 8-6-12 O(8)(A).
12. REMOVED CHART NOTES: "FOR INOPERATIVE ALS, INCREASE S-LOC 10R CAT C, D, E VISIBILITY TO 1 3/8 SM" AND "FOR INOPERATIVE ALS, INCREASE S-ILS 10R CAT E VISIBILITY TO RVR 4000." - UPDATED AND COMBINED NOTE.
13. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 10R CAT E VISIBILITY TO RVR 4000 AND S-LOC 10R CAT E VISIBILITY TO 1 1/2 SM. – COMBINED NOTES; NEW EVALUATION COMPLETED.
13. UPDATED ADDITIONAL FLIGHT DATA: CHART FAS OBST: FROM "1352 POLE 402909N/0801753W" TO "1398 AAO 402912N/0802039W." – NEW S-LOC CONTROLLING OBSTACLE.
14. UPDATED CHART VDP FROM "AT 3.95 DME*, DISTANCE VDP TO THLD 1.30 NM, *LOC ONLY" TO "AT 4.08 DME. DISTANCE VDP TO THLD 1.42 NM." – UPDATED EVALUATION; *LOC ONLY NOT REQUIRED.

11/01/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/22/2024.

1. UPDATED LOC MAP FROM "5.60 NM AFTER STARG INT/MMJ 8.35 DME/RADAR" TO "5.70 NM AFTER STARG INT/MMJ 8.35 DME/RADAR."

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZOB, PIT APP CON, PIT ATCT, AMGR

FLIGHT CHECKED BY

JEREMY R VIRTS

Digitally signed by

CASIMIR L TABAKA

Nov 01, 2024

OFFICE

FPO

DATE

09/05/2024

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by

CASIMIR L TABAKA

Nov 01, 2024

OFFICE

AJV-A432

DATE

06/12/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Nov 01, 2024

OFFICE

AJV-A430

DATE

TITLE
MANAGER

QUALITY
34
CHECKED