

**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.

AIRPORT ID AGC	PROCEDURE NAME ILS OR LOC RWY 28	ORIGINAL/AMENDMENT 29E	CITY PITTSBURGH	STATE PA
AIRPORT ELEVATION 1252	TDZE 1251	SUPERSEDED ILS OR LOC RWY 28	DATED 11/03/2022	MAG VAR 9W
FACILITY I-AGC	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 17 APRIL 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2000
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GUGTE/RADAR	IF/IAF	HULDO INT					280.90 (I-AGC)	6.34	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: 3.77 NM AFTER HULDO INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT AGC VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 3000 ON HEADING 280.90 FOR RADAR VECTORS.

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT GUGTE/RADAR
- FAC: 280.90 FAF: HULDO INT DIST FAF TO MAP: 3.77 DIST FAF TO THLD: 3.77
- MIN ALT: GUGTE/RADAR 3000, HULDO INT 2500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 960
- MIN GS INCPT: 2500 GS ALT AT PFAF: HULDO INT 2500 OM: MM: IM:
- GS ANGLE: 3.00 34:1 20:1 TCH: 51.0
- MSA FROM: AGC VOR/DME 090-180 3800, 180-090 3100



EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED.

NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1900.
 CHART NOTE: CIRCLING RWY 13 NA AT NIGHT.
 CHART PLANVIEW NOTE: LOC OFFSET 1.98 DEGREES.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC CATS C AND D VISIBILITY TO RVR 6000.
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 28.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 056.00 INBOUND.
 CHART FAS OBST: 1353 TREE (42-062755) 402121N/0795415W.
 FAC CROSSES RWY C/L EXTENDED 2592 FT FROM THLD.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT C, D 800-2 1/4, NA WHEN CONTROL TOWER CLOSED.

<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 28	1501	4000	250	1501	4000	250	1501	4000	250	1501	4000	250			
S-LOC 28	1660	4000	409	1660	4000	409	1660	5000	409	1660	5000	409			
CIRCLING	1720	1	468	1720	1	468	1980	2	728	1980	2 1/4	728			

CHANGES - REASONS

1. CHANGED CHART NOTE FROM "FOR INOPERATIVE MALSR, INCREASE S-LOC CATS C AND D VISIBILITY TO RVR 6000" TO "FOR INOPERATIVE ALS, INCREASE S-LOC CATS C AND D VISIBILITY TO RVR 6000" - RWY 28 LIGHTING TYPE CHANGED FROM MALSR TO MALS PER FPT CHECKLIST.
2. ADDITIONAL DATA UPDATE: CHANGED CHART FAS OBST FROM "1352 TREE 402123N/0795415W" TO "1353 TREE (42-062755) 402121N/0795415W" - NEW SURVEY DATA UPDATE.
3. ADDITIONAL DATA UPDATE: REMOVED CHART: 1510 TOWER 402151 N/0794845W - DOCUMENT NEW 7:1 AAO OBSTACLE AT THE BACK OF -9 PER .19J 8-6-11E AND MEMO.
4. S-ILS MINS UPDATE: CHANGED S-ILS VIS FROM 2400 TO 4000 - RWY 28 MALSR IS NOW A MALS PER FPT CHECKLIST.
5. S-LOC MINS UPDATE: CHANGED S-LOC CAT A/B VIS FROM 2400 TO 4000 AND S-LOC CAT C/D VIS FROM 4000 TO 5000 - RWY 28 MALSR IS NOW A MALS PER FPT CHECKLIST.
6. ADDED CHART NOTE "AUTOPILOT COUPLED APPROACH NA BELOW 1900" - NOTAM 4/1220 RESOLUTION.
7. MAP UPDATE: CHANGED LOC FROM "3.76 MILES AFTER HULDO INT" TO "3.77 NM AFTER HULCO INT" - MAP RECALCULATION UPDATE PER CURRENT TARGETS RESULTS.
8. ALTERNATE MA INSTRUCTIONS UPDATE: CHANGED "CLIMB TO 3000 ON HEADING 280.90 FOR RADAR VECTORS (RADAR REQUIRED)" TO "CLIMB TO 3000 ON HEADING 280.90 FOR RADAR VECTORS - REMOVED RADAR REQUIRED. ADDED TO EQUIPMENT REQUIREMENTS NOTES.
9. ADDED "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 28" - PER 8260.19J 8-6-120(3)(A).



AIRPORT ID
AGC

PROCEDURE NAME
ILS OR LOC RWY 28

ORIGINAL/AMENDMENT
29E

CITY
PITTSBURGH

STATE
PA

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZOB, PIT APP CON, AGC ATCT, AGC AMGR.

FLIGHT CHECKED BY

MICHAEL G CAMPBELL

Digitally signed by
ROBERT G HAMILTON
Feb 25, 2025

OFFICE

AJF

DATE

02/12/2025

DEVELOPED BY

KWEKU DONKOR

Digitally signed by
KWEKU DONKOR
Dec 26, 2024

OFFICE

AJV-A433

DATE

10/02/2024

APPROVED BY

BEV L BORDY

Digitally signed by
ROBERT G HAMILTON
Feb 25, 2025

OFFICE

AJV-A430

DATE

TITLE
MANAGER

