

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> PITTSBURGH INTL	<u>AIRPORT ID</u> KPIT	<u>PROCEDURE NAME</u> ILS OR LOC RWY 28R ILS RWY 28R SA CAT I, ILS RWY 28R SA CAT II	<u>ORIGINAL/AMENDMENT</u> 10A	<u>CITY</u> PITTSBURGH	<u>STATE</u> PA	
<u>AIRPORT ELEVATION</u> 1203	<u>TDZE</u> 1174	<u>SUPERSEDED</u> ILS OR LOC RWY 28R ILS RWY 28R SA CAT I, ILS RWY 28R CAT II	<u>ORIGINAL/AMENDMENT</u> 10	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 9W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-HFE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<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>
AGC VOR/DME		KERRS INT/MMJ 10.05 DME/RADAR					022.22	13.28	5000
NASTY INT/MMJ 13.09 DME/RADAR	IAF	KERRS INT/MMJ 10.05 DME/RADAR	NOPT				280.96	3.04 (I-HFE)	5000
KERRS INT/MMJ 10.05 DME/RADAR	IF/IAF	COFEE INT/MMJ 6.91 DME					280.96	3.15 (I-HFE)	4000
COFEE INT/MMJ 6.91 DME		ZAICO INT/RADAR					280.96	3.15 (I-HEF)	3000

MISSED APPROACH

MAP:

ILS: DA
 LOC: 5.56 NM AFTER ZAICO INT/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 5000 DIRECT EWC VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 060 AND ON AGC VOR/DME R-352 TO WISNO/AGC 28.05 DME AND HOLD (DME REQUIRED).



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD E KERRS, RT, 280.96 INBOUND, 5000 FT. IN LIEU OF PT (IAF), MAX 7000.

3. FAC: 280.96FAF: ZAIKO INT/RADARDIST FAF TO MAP: 5.56DIST FAF TO THLD: 5.56

4. MIN ALT: KERRS INT/MMJ 10.05 DME/RADAR 5000, COFEE INT/MMJ 6.91 DME 4000, ZAIKO INT/RADAR 3000, DOPNE/RADAR 2300*

5. DIST TO THLD FROM OM:MM:IM:100 HAT: 861150 HAT: 1815GS ANT: 1111

6. MIN GS INCPT: 3000GS ALT AT FAF : ZAIKO INT/RADAR 3000OM:MM:IM:

7. GP ANGLE: 3.0034:120:1TCH: 54.8

8. MSA FROM: AGC VOR/DME 090-180 3800, 180-090 3100

EQUIPMENT REQUIREMENTS NOTES:

FROM NASTY: RADAR REQUIRED FOR PROCEDURE ENTRY.
RADAR REQUIRED FOR LOC ONLY.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 28R: CAT A, B, C, D RA 192, RVR 1400, HAT 150, DA 1324 MSL.
SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 28R: CAT A, B, C, D RA 116, RVR 1200, HAT 100, DA 1274 MSL.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
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 PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
*LOC ONLY
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 28R CAT E VISIBILITY TO RVR 4000 AND S-LOC 28R CATS C/D/E VISIBILITY TO RVR 5500.

CHART NOTE: DME FROM MMJ DME. SIMULTANEOUS RECEPTION OF I-HFE AND MMJ DME REQUIRED.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART IN PLANVIEW: WISNO/AGC 28.05 DME
CHART FAS OBST: 1282 TOWER 403012N/0801306W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N WISNO/AGC 28.05 DME, RT, 171.77 INBOUND.
HOLD N, RT, 182.00 INBOUND

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 28R	1374	1800	200	1374	1800	200	1374	1800	200	1374	1800	200	1374	1800	200
S-LOC 28R	1540	2400	366	1540	2400	366	1540	3500	366	1540	3500	366	1540	3500	366
CIRCLING	1700	1	497	1700	1	497	1880	2	677	1880	2 1/4	677	1880	2 1/2	677

CHANGES - REASONS

1. CHANGED PROCEDURE NAME FROM: ILS OR LOC RWY 28R, AMDT 10A; ILS RWY 28R (SA CAT I) , ILS RWY 28R (CAT II), TO: ILS OR LOC RWY 28R, AMDT 10A; ILS RWY 28R (SA CAT I) , ILS RWY 28R (SA CAT II). - "SA" WAS MISSING/OMITTED FROM THE CAT II DESCRIPTION.
2. CHANGED CHART NOTE FROM: CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 28R: CAT A, B, C, D, RA 116, RVR 1200, HAT 100, DA 1274 MSL., TO: SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 28R: CAT A, B, C, D, RA 116, RVR 1200, HAT 100, DA 1274 MSL. -"SA" WAS MISSING/OMITTED FROM THE CAT II DESCRIPTION.
3. CHANGED CHART NOTE FROM: CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN., TO: SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN. -"SA" WAS MISSING/OMITTED FROM THE CAT II DESCRIPTION.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

DEVELOPED BY

ROBERT W. COOK

Digitally signed by

DONALD H LANIER

Jan 08, 2019

Digitally signed by

DONALD H LANIER

Jan 08, 2019

OFFICE

AJV-A431

DATE

12/28/2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by

DONALD H LANIER

Jan 08, 2019

OFFICE

AJV-5412

DATE

TITLE
MANAGER

