

**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 PHL	PROCEDURE NAME ILS V RWY 17 (CONVERGING)	ORIGINAL/AMENDMENT 8	CITY PHILADELPHIA	STATE PA		
AIRPORT ELEVATION 36	TDZE 11	SUPERSEDED ILS V RWY 17 (CONVERGING)	ORIGINAL/AMENDMENT 7A	DATED 09/05/2024	MAG VAR 12W	EPOCH YEAR 2020
FACILITY I-MYY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 12 JUNE 2025	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PTW VORTAC	IAF	COWAD INT/I-MYY 14.21 DME/RADAR					136.57	12.97	3000
COWAD INT/I-MYY 14.21 DME/RADAR	IF	HYILL INT/I-MYY 7.31 DME	PFAF				171.06 (I-MYY)	6.90	2000

MISSED APPROACH

MAP:
ILS: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 880 THEN CLIMBING LEFT TURN TO 3500 DIRECT ARD VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 880 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 040.00 AND ON RBV VORTAC R-255 TO RBV VORTAC AND HOLD SW, LT, 52.11 INBOUND.

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- PROFILE STARTS AT COWAD INT/I-MYY 14.21 DME/RADAR
- FAC:** 171.06 **PFAF:** HYILL INT/I-MYY 7.31 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:**
- MIN ALT:** COWAD INT/I-MYY 14.21 DME/RADAR 3000, HYILL INT/I-MYY 7.31 DME 2000
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 948
- MIN GS INCPT:** 2000 **GS ALT AT PFAF:** HYILL INT/I-MYY 7.31 DME 2000 **OM:** **MM:** **IM:**
- GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 50.2
- MSA FROM:** OOD VORTAC 2600



EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
 CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PTW VORTAC AIRWAY RADIALS 095 CW 188.

ADDITIONAL FLIGHT DATA:

CHART: NAAS MUSTIN (ABANDONED)
 CHART PTW 12.97 DME AT COWAD.
 HOLD E, RT, 289.02 INBOUND.
 CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW RBV VORTAC, LT, 052.11 INBOUND.
 CHART IN PLANVIEW: RBV VORTAC.

MINIMUMS:

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

ALTERNATE: NA CAT A, B, C, D 700-2

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 17	664	1 5/8	653	664	1 5/8	653	664	1 5/8	653	664	1 5/8	653				

CHANGES - REASONS

1. REMOVED INITIAL SEGMENT ARD VOR/DME TO COWAD AND ARD R-254 FROM PROCEDURE - ARD VOR RADIAL 254 UNUSEABLE BELOW 3500.
2. LOWERED IF ALTITUDE AT COWAD FROM 3500 TO 3000 - ALLOWED WITH REMOVAL OF ARD VOR/DME INITIAL SEGMENT AND R-254 AS A CROSSING RADIAL.
3. CHANGED PRIMARY MISSED APPROACH FROM 'CLIMBING LEFT TURN TO 3000 DIRECT ARD VOR/DME AND HOLD' TO 'CLIMB TO 880 THEN CLIMBING LEFT TURN TO 3500 DIRECT ARD VOR/DME AND HOLD' - PER 8260.3F PARA. 10-3-3B(2) AND 8260.19J PARA. 8-6-6D(2) AND (7).
4. CHANGED ALTERNATE MISSED APPROACH FROM 'CLIMBING LEFT TURN TO 3000 ON HEADING 085.00 AND RBV VORTAC COURSE 057.95 TO BRAND INT/RBV 14.95 DME AND HOLD' TO 'CLIMB TO 880 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 040.00 AND ON RBV VORTAC R-255 TO RBV VORTAC AND HOLD SW, LT, 52.11 INBOUND' - TO ENSURE OEA CLEARANCE FROM ILS V RWY 9R (CONVERGING) MISSED APPROACH BOUNDARY AND PER 8260.3F PARA. 10-3-3B(2) AND 8260.19J PARA. 8-6-6D(2) AND (7).
5. REMOVED PLANVIEW NOTE 'PROCEDURE NA FOR ARRIVAL ON ARD VOR/DME AIRWAY RADIALS 200 CW 304' - ARD VOR/DME INITIAL SEGMENT REMOVED.
6. ADDED PLANVIEW NOTE 'PROCEDURE NA FOR ARRIVAL ON PTW VORTAC AIRWAY RADIALS 095 CW 188 - TURN ONTO INITIAL SEGMENT EXCEEDS 120 DEGREES PER 8260.3F PARA. 2-4-1A AND DUE TO ARD VOR/DME INITIAL SEGMENT REMOVAL.
7. CHANGED NOTE 'CHART IN PLANVIEW: BRAND INT/RBV 14.95 DME' TO 'CHART IN PLANVIEW: RBV VORTAC' IN ADDITIONAL FLIGHT DATA - RESULT OF ALTERNATE MISSED APPROACH CLEARANCE LIMIT CHANGE.
8. CHANGED NOTE 'ALTERNATE MA HOLDING, HOLD SW BRAND INT/RBV 14.95 DME, RT, 057.95 INBOUND' TO 'CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW RBV VORTAC, LT, 052.11 INBOUND' IN ADDITIONAL FLIGHT DATA - RESULT OF ALTERNATE MISSED APPROACH HOLDING CHANGE.
9. AUTHORIZED ALTERNATE MINIMUMS AND ADDED CAT A, B, C, D 700-2 - PER 8260.3F PARA. 3-4-1A
10. RAISED DA/HAT FROM 410/400 TO 664/653 AND VISIBILITY FROM RVR 4500 TO 1 5/8 SM - PER ATC/FPT REQUEST TO ENSURE MISSED APPROACH OEA BOUNDARY DOES NOT OVERLAP THE MISSED APPROACH OEA BOUNDARY OF THE ILS V RWY 9R (CONVERGING) APPROACH AND ALLOW SIMULTANEOUS APPROACH FOR BOTH.
11. CHARTED PTW 12.97 DME AT IF COWAD - ALLOWS PILOTS 2 NM LEAD TIME PRIOR TO INTERCEPTING LOCALIZER COURSE.



AIRPORT ID
PHL

PROCEDURE NAME
ILS V RWY 17
(CONVERGING)

ORIGINAL/AMENDMENT
8

CITY
PHILADELPHIA

STATE
PA

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZDC, PHL APP CON, PHL ATCT, AMGR

FLIGHT CHECKED BY
MICHAEL G CAMPBELL

Digitally signed by

RAKE MCGRAW

Apr 04, 2025

OFFICE

AJF

DATE

04/02/2025

DEVELOPED BY
RALPH DUMAR

Digitally signed by

RALPH DUMAR

Mar 13, 2025

OFFICE

AJV-A422

DATE

02/03/2025

APPROVED BY
BEV L BORDY

Digitally signed by

RAKE MCGRAW

Apr 04, 2025

OFFICE

AJV-A420

DATE

TITLE
MANAGER

