

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> PHILADELPHIA INTL	<u>AIRPORT ID</u> KPHL	<u>PROCEDURE NAME</u> ILS V RWY 17 (CONVERGING)	<u>ORIGINAL/AMENDMENT</u> 7	<u>CITY</u> PHILADELPHIA	<u>STATE</u> PA	
<u>AIRPORT ELEVATION</u> 36	<u>TDZE</u> 10	<u>SUPERSEDED</u> ILS V RWY 17	<u>ORIGINAL/AMENDMENT</u> 6C	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-MYY	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 JULY 2018	<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>
ARD VOR/DME	IAF	COWAD INT/I-MYY 14.21 DME					253.78	22.04	3000
PTW VORTAC	IAF	COWAD INT/I-MYY 14.21 DME					136.57	12.97	3000
COWAD INT/I-MYY 14.21 DME	IF	HYILL INT/I-MYY 7.31 DME	PFAF				171.06	6.90 (I-MYY)	2000

MISSED APPROACH

MAP:

ILS: DA

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3000 DIRECT ARD VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMBING LEFT TURN TO 3000 ON HEADING 085.00 AND RBV VORTAC COURSE 057.95 TO BRAND INT/RBV 14.95 DME AND HOLD.

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT COWAD/I-MYY 14.21 DME
- FAC: 171.06 PFAF: HYILL INT/I-MYY 7.31 DME DIST PFAF TO MAP: DIST PFAF TO THLD:
- MIN ALT: COWAD INT/I-MYY 14.21 DME 3000, HYILL INT/I-MYY 7.31 DME 2000
- DIST TO THLD FROM OM: 6.10 MM: IM: 150 HAT: HAT: GS ANT: 948
- MIN GS INCPT: 2000 GS ALT AT PFAF : HYILL INT/I-MYY 7.31 DME 2000 OM: MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 50.2
- MSA FROM: OOD VORTAC 2600

EQUIPMENT REQUIREMENTS NOTES

EQUIPMENT REQUIREMENTS NOTE: 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 ARD VOR/DME AIRWAY RADIALS 200 CW 304.

ADDITIONAL FLIGHT DATA:

CHART: NAAS MUSTIN (ABANDONED)
CHART IN PLANVIEW: BRAND INT/RBV 14.95 DME
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW BRAND INT/RBV 14.95 DME, RT, 057.95 INBOUND.
HOLD E, RT, 289.02 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☒

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	410	4500	400	410	4500	400	410	4500	400	410	4500	400			

CHANGES - REASONS

1. ALTERNATE MA/HOLD MADE PRIMARY MA/HOLD - ATC REQUEST / PNE VOR DECOMMISSIONING.
2. ALTERNATE MA CHANGED FROM 'CLIMBING LEFT TURN TO 3000 DIRECT ARD VOR/DME AND HOLD' TO 'CLIMBING LEFT TURN TO 3000 ON HEADING 085.00 AND RBV VORTAC COURSE 057.95 TO BRAND INT/RBV 14.95 DME AND HOLD' - ATC / FPT REQUEST.
3. ADDNL FLT DATA: 'HOLD NE, RT, 229.00 INBOUND' CHANGED TO 'HOLD E, RT, 289.02 INBOUND' - ATC REQUEST.
4. 'CHART IN PLANVIEW' ALT MA HOLD NOTE CHANGED FROM 'HOLD E ARD VOR/DME, RT, 289.02 INBOUND' TO 'HOLD SW BRAND INT/RBV 14.95 DME, RT, 057.95 INBOUND' - ATC REQUEST.
5. 'CHART IN PLANVIEW' NOTE CHANGED FROM 'ARD VOR/DME' TO 'BRAND INT/RBV 14.95 DME' - ATC REQUEST.
6. CHANGED S-ILS 17 DA/HAT FROM 632/622 TO 410/400 AND VISIBILITY FROM 1 7/8 TO RVR 4500 ALL CATS - ATC REQUEST WITH NEW CONVERGING CRITERIA AND NEW VISIBILITY TABLE APPLIED.
7. REMOVED CHART NOTE 'WHEN VGSI INOP, PROCEDURE NA AT NIGHT' - 20:1 SURFACE IS NOW CLEAR.
8. REMOVED 'WITH ILS V RWY 9R (CONVERGING)' FROM 'SIMULTANEOUS APPROACH AUTHORIZED' CHART NOTE - 19H CRITERIA UPDATED, SEE 8260.19H, 8-6-11, O, (8).
9. 'HELICOPTER VISIBILITY REDUCTION' CHART NOTE CHANGED FROM '1 SM' TO '3/4 SM' - 20:1 CLEAR, BUT 34:1'S STILL EXIST.
10. REMOVED CHART NOTE 'FOR INOPERATIVE ALS, INCREASE S-ILS 17 ALL CATS VISIBILITY TO 2 1/4 SM' - UPDATED VISIBILITY SUPPORTS NEW INOP TABLE.

PDF EDITS:
-3, TERMINAL ROUTES, REMOVED 'CF' AND 'FB' FROM ALL LEG TYPE AND FO/FB COLUMNS.
-3, PROFILE LINE 2, DELETED EXTRANEIOUS 'I-MYY' IN 'PROFILE STARTS AT COWAD/I-MYY I-MYY 14.21 DME'.



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDC, PHL APP CON, PHL ATCT, AMGR, ATA

FLIGHT CHECKED BY

JORGE A MALCUN
Digitally signed by
ROBERT G HAMILTON
Apr 26, 2018

OFFICE

FICO

DATE

4/24/18

DEVELOPED BY

LUCAS MCCLOUD
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Mar 21, 2018

OFFICE

AJV-5422

DATE

03/12/2018

APPROVED BY

JULIE MORGAN
Digitally signed by
ROBERT G HAMILTON
Apr 26, 2018

OFFICE

AJV-5420

DATE

TITLE

MANAGER

