

**ILS - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

Bearings, headings, courses, 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 in feet RVR.

**TERMINAL ROUTES**

**MISSED APPROACH**

FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.41 NM AFTER KELEE INT/I-PHL 7.56 DME OR AT I-PHL 2.15 DME FIX
MXE VORTAC (IAF)	BWINE INT/MXE 8.59 DME	151.81 / 8.59	4000	CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT OOD VORTAC AND HOLD.  ALTERNATE MA (DO NOT CHART): CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT DQO VORTAC AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SW, LT, 032.28 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E DQO VORTAC, LT, 248.00 INBOUND. CHART FAS OBST: 269 PLANT 395130N/0751928W CHART VDP AT 3.48 DME* DISTANCE VDP TO THLD 1.57 NM. *LOC ONLY. CHART IN PLANVIEW: DQO VORTAC. CHART CIRCLING ICON.
BWINE INT/I-PHL 15.69 DME (IF)	ASOCI INT/I-PHL 11.78 DME	087.47 / 3.91 (I-PHL)	3000	
ASOCI INT/I-PHL 11.78 DME	KELEE INT/I-PHL 7.56 DME	087.47 / 4.22 (I-PHL)	1800	

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- PROFILE STARTS AT BWINE
- FAC: 087.47 FAF: KELEE INT/I-PHL 7.56 DME DIST FAF TO MAP: 5.41 THLD: 5.41
- MIN. ALT: BWINE 4000, ASOCI 3000, KELEE 1800, BALDN INT/I-PHL 4.25 DME 740\*
- DIST TO THLD FROM OM:        -        MM:        -        IM: 877 150 HAT: 0.29 100 HAT: 822 GS ANT: 1102
- MIN GS INCPT: 1800 GS ALT AT: KELEE 1800 OM:        -        MM:        -        IM: 117
- GS ANGLE: 3.00 TCH: 57.6
- MSA FROM: OOD VORTAC 2600

MAG VAR: 12W EPOCH YEAR: 2000

**MINIMUMS**

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: #	LOC: STANDARD @												
CATEGORY >>>>>	A		B		C		D		E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 09R	221	1800	200	221	1800	200	221	1800	200	221	1800	200			
S-LOC 09R	740	2400	719	740	2400	719	740	1 5/8	719	740	1 5/8	719			
CIRCLING	740	1	704	740	1	704	740	2	704	740	2 1/4	704			

**BALDN FIX MINIMUMS**

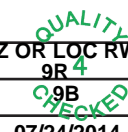
S-LOC 09R	580	2400	559	580	2400	559	580	6000	559	580	6000	559			
CIRCLING	580	1	544	640	1	604	640	1 3/4	604	720	2 1/4	684			

**NOTES:**

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 9R: CAT A, B, C, D, RA 171, RVR 1400, HAT 150, DA 171 MSL.  
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 9R: CAT A, B, C, D, RA 113, RVR 1200, HAT 100, DA 121 MSL.  
(CONTINUED ON PAGE 2)

# CAT A, B, C 800-2, CAT D 800-2 1/4  
@ CAT D 800-2 1/4

CITY AND STATE PHILADELPHIA, PA	ELEVATION: 36 TDZE: 21 AIRPORT NAME: PHILADELPHIA INTL	FACILITY IDENTIFIER: I-PHL	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS Z OR LOC Z RWY 9R, AMDT 10; ILS Z RWY 9R (SA CAT I), ILS Z RWY 9R (CAT II), ILS Z RWY 9R (CAT III) 8 DECEMBER 2016	SUP: ILS Z OR LOC RWY 9R AMDT: 9B DATED 07/24/2014
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**NOTES, (CONT.):**

**CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 9R: CAT III CAT A,B,C,D, RVR 600.**

**SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.**

**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MXE VORTAC AIRWAY RADIALS 129 CW 177.**

CITY AND STATE <b>PHILADELPHIA, PA</b>	ELEVATION: 36 TDZE: 21 AIRPORT NAME: <b>PHILADELPHIA INTL</b>	FACILITY IDENTIFIER: <b>I-PHL</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>ILS Z OR LOC Z RWY 9R, AMDT 10; ILS Z RWY 9R (SA CAT I), ILS Z RWY 9R (CAT II), ILS Z RWY 9R (CAT III)</b> 8 DECEMBER 2016	SUP: <b>ILS Z OR LOC RWY 9R</b>
				AMDT: <b>9R</b>
				DATED: <b>07/24/2014</b>

QUALITY CHECKED