

**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> PROVINCETOWN MUNI	<u>AIRPORT ID</u> KPVC	<u>PROCEDURE NAME</u> ILS OR LOC RWY 7	<u>ORIGINAL/AMENDMENT</u> 9A	<u>CITY</u> PROVINCETOWN	<u>STATE</u> MA	
<u>AIRPORT ELEVATION</u> 8	<u>TDZE</u> 8	<u>SUPERSEDED</u> ILS OR LOC RWY 7	<u>ORIGINAL/AMENDMENT</u> 9	<u>DATED</u> 02/04/2016	<u>MAG VAR</u> 16W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> I-VQO	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 6 DECEMBER 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>
DUNKK INT	IAF	WOMEK INT/I-VQO 14.79 DME					153.96	10.66 (BOS R-154)	3000
WOMEK INT/I-VQO 14.79 DME	IF	PHONY/I-VQO 6.78 DME					075.30	8.00 (I-VQO)	2000

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 6.13 NM AFTER PHONY/I-VQO 6.78 DME OR AT I-VQO 0.65 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 DIRECT PVC NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 2000 DIRECT LFV VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

**PROFILE:**

1. PT      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF (IAF)**
2. PROFILE STARTS AT WOMEK
3. **FAC:** 075.30      **FAF:** PHONY/I-VQO 6.78 DME      **DIST FAF TO MAP:** 6.13                      **DIST FAF TO THLD:** 6.13
4. **MIN ALT:** WOMEK INT/I-VQO 14.79 DME 3000, PHONY/I-VQO 6.78 DME 2000, FABIX INT/I-VQO 2.85 DME 660#\*
5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **GS ANT:** 762
6. **MIN GS INCPT:** 2000                      **GS ALT AT FAF :** PHONY/I-VQO 6.78 DME 2000                      **OM:**                      **MM:**                      **IM:**
7. **GP ANGLE:** 3.00                      **34:1:**                      **20:1:**                      **TCH:** 40.0
8. **MSA FROM:** PVC NDB 1800

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED FOR LOC ONLY, ADF

**NOTES:**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DUNKK ON V141 NORTHWEST BOUND.



CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 7.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYANNIS ALTIMETER SETTING AND INCREASE ALL DA TO 271 AND ALL MDA 80 FEET: INCREASE S-LOC 7 AND FABIX FIX MINIMUMS S-LOC 7 ALL CATS VISIBILITY 1/4 SM.  
CHART NOTE: VDP NA WHEN USING HYANNIS ALTIMETER SETTING.  
CHART NOTE: FOR INOPERATIVE ALS WHEN USING HYANNIS ALTIMETER SETTING, INCREASE S-ILS 7 ALL CATS VISIBILITY TO 7/8 SM.  
#740 WHEN USING HYANNIS ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: LfV VOR/DME  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S LfV VOR/DME, LT, 360.00 INBOUND  
CHART CIRCLING ICON.  
CHART VDP AT 1.51 DME\*  
DISTANCE VDP TO THLD 0.85 NM  
\* LOC ONLY  
FAS OBST: 64 SHIP 420340N/0701443W.  
HOLD W, LT, 075.30 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 07	208	3/4	200	208	3/4	200		NA			NA				
S-LOC 07	660	3/4	652	660	3/4	652		NA			NA				
CIRCLING	660	1	652	660	1	652		NA			NA				
FABIX FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED).															
S-LOC 07	320	3/4	312	320	3/4	312		NA			NA				
CIRCLING	460	1	452	660	1	652		NA			NA				

CHANGES - REASONS

1. CHANGED PHONY INT/I-VQO 6.78 DME TO PHONY/I-VQO 6.78 DME. - LfV VOR/DME RADIAL NO LONGER SUPPORTS FIX MAKE UP AS INTERSECTION.
2. ADDED EQUIPMENT REQUIREMENTS NOTE: DME REQUIRED FOR LOC ONLY, ADF. - FAF NO LONGER AN INTERSECTION, DME FIX ONLY.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZBW, CAPE APP CON, AIRPORT MANAGER

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

DEVELOPED BY

JIMMY S. HUGHES

Digitally signed by  
JIMMY S HUGHES  
Aug 27, 2018

APPROVED BY

JULIE MORGAN

OFFICE

OFFICE

AJV-5422

OFFICE

AJV-5420

DATE

DATE

07/10/2018

DATE

Digitally signed by  
ROBERT G HAMILTON  
Sep 04, 2018

Digitally signed by  
ROBERT G HAMILTON  
Sep 04, 2018

TITLE  
MANAGER

