

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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> PLYMOUTH MUNI	<u>AIRPORT ID</u> KPYM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> PLYMOUTH	<u>STATE</u> MA
<u>AIRPORT ELEVATION</u> 148	<u>TDZE</u> 147	<u>SUPERSEDED</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 11/10/2016	<u>MAG VAR</u> 16W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 JULY 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 1995

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>
DODNE	IAF	FARED		TF	FB	1.00	092.29	11.61	2000
BENNN	IAF	FARED		TF	FB	1.00	233.07	11.58	2000
FARED	IF	SCALD		TF	FB	1.00	145.47	5.00	2000
SCALD	FAF	CREPT/1.59 NM TO RW15		TF	FB	0.30	145.52	4.08	
CREPT/1.59 NM TO RW15		RW15	MAP	TF	FO	0.30	145.52	1.59	
RW15	MAP	600 MSL		CA			145.52		600
600 MSL		GAILS		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LP: RW15
 LNAV: RW15

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 DIRECT GAILS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT FARED

3. FAC: 145.52 FAF: SCALD DIST FAF TO MAP: 5.67 DIST FAF TO THLD: 5.67

4. MIN ALT: FARED 2000, SCALD 2000, CREPT/1.59 NM TO RW15 700

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: HAT:

6. MIN GP INCPT: GP ALT AT FAF : OM: MM: IM:

7. GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:

8. MSA FROM: RW15 2200

PBN EQUIPMENT REQUIREMENTS NOTES

RNP APCH

NOTES:

CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: STRAIGHT-IN RWY 15 NA AT NIGHT, CIRCLING RWY 15 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
WAAS CHANNEL #93639
REFERENCE PATH ID: W15A
CHART FAS OBST: 246 TREE 415523N/0704440W.
CHART FAS OBST: 309 TREE 415517N/0704359W.
CHART: 279 TREE 415555N/0704512W.
HOLD S, RT, 350.23 INBOUND
LTP HAE: 15.7 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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
LP MDA	500	1	353	500	1	353	500	1	353		NA				
LNAV MDA	560	1	413	560	1	413	560	1 1/8	413		NA				
CIRCLING	620	1	472	640	1	492	740	1 1/2	592		NA				



CHANGES - REASONS

- 1. IN TERMINAL ROUTES AND LINE 4, CREPT TO RW15 DIST CHANGED FROM 1.60 TO 1.59 - RECALCULATED; FIX DID NOT MOVE.
- 2. LINE 7, ADDED 20:1 IS NOT CLEAR - CURRENT DOCUMENTATION CRITERIA.
- 3. REPLACED CHART NOTE: DME/DME RNP-0.3 NA WITH PBN REQUIREMENTS NOTE: RNP APCH - CURRENT DOCUMENTATION CRITERIA.
- 4. REMOVED CHART NOTE: RADAR REQUIRED - NO LONGER REQUIRED FOR RNAV PROCEDURES.
- 5. REMOVED BACK-UP ALTIMETER SETTING CHART NOTE AND ALTERNATE MINIMUMS REMARK @NA WHEN LOCAL WEATHER NOT AVAILABLE - PRIMARY ALTIMETER SOURCE TRANSMITTED ON WMSCR; PER FPT APPROVAL, BACK-UP ALTIMETER SETTING NOTES NOT REQUIRED; CONTINGENCY NOTES PUBLISHED ON BACK OF 8260-9.
- 6. CHART FAS OBST CHANGED FROM 250 TREE TO 246 TREE - UPDATED LP FINAL CONTROLLING OBST DATA PER CURRENT SURVEY; NO CHANGE TO LP MDA.
- 7. NIGHT LANDING RESTRICTION CHART NOTE, REMOVED CIRCLING RWY 33 - RWY 33 20:1 VISUAL SURFACE IS CLEAR.
- 8. ADDED CHART PROFILE NOTE: VISUAL SEGMENT-OBSTACLES - PER FLIGHT INSPECTION.
- 9. REMOVED VDA DATA, SCALD TO RW15: 3.00/50.0 - PER FLIGHT INSPECTION.
- 10. FAS DATA LTP LAT/LONG CHANGED FROM 415443.9245N/0704348.3500W TO 415443.9235N/0704348.3430W - CURRENT SURVEY DATA.
- 11. FAS DATA FPAP LAT/LONG CHANGED FROM 415347.1075N/0704216.4090W TO 415347.1065N/0704216.4010W - RECALCULATED.
- 12. FAS DATA TCH CHANGED FROM 00050.0 TO 00000.0; GPA CHANGED FROM 03.00 TO 00.00 - VDA REMOVED PER FLIGHT INSPECTION.
- 13. FAS DATA CRC REMAINDER CHANGED FROM A9B77D84 TO DFF2EE53 - RECALCULATED.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZBW, BOS APP CON, APT MGR

FLIGHT CHECKED BY

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DEVELOPED BY

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Apr 04, 2018

APPROVED BY

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Jun 04, 2018

OFFICE

FICO

OFFICE

AJV-5421

OFFICE

AJV-5420

DATE

5/30/18

DATE

02/20/2018

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPYM
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	415443.9235N
LTP/FTP LONGITUDE	0704348.3430W
LTP/FTP ELLIPSOIDAL HEIGHT	+00157
FPAP LATITUDE	415347.1065N
FPAP LONGITUDE	0704216.4010W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1424
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
 CRC REMAINDER	 DFF2EE53

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00442
FPAP ORTHOMETRIC HEIGHT	+00442

