

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
HAYNZ (RNAV)	SEVEN	GRACE.HAYNZ7	SIX	12/05/2019	25 FEB 2021

TRANSITION ROUTES:

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
CLARION	CIP.HAYNZ7	CIP DME	CIP DME						
		CIP DME	EARED	231.00	15.09	13000			
		EARED	GRACE	230.85	08.22	4000			
PHILIPSBURG	PSB.HAYNZ7	PSB VORTAC	PSB VORTAC						
		PSB VORTAC	EARED	281.47	76.77	11000			
		EARED	GRACE	230.85	08.22	4000			
SLATE RUN	SLT.HAYNZ7	SLT VORTAC	SLT VORTAC						
		SLT VORTAC	EARED	256.35	84.23	10000			
		EARED	GRACE	230.85	08.22	4000			

ARRIVAL ROUTE DESCRIPTION:

FROM GRACE ON TRACK 200.58/4.99 TO HAYNZ (MEA 4000), THENCE ON ASSIGNED RUNWAY TRANSITION.

LANDING RWY 28R/C/L: FROM HAYNZ ON TRACK 200.61/9.67 TO MYRON (MEA 4000), THEN ON HEADING 126.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 32: FROM HAYNZ ON TRACK 200.61/9.67 TO MYRON (MEA 4000), THEN ON TRACK 210.83/11.16 TO COPPE (MEA 4000), THEN ON HEADING 166.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 10R/C/L: FROM HAYNZ ON TRACK 235.85/17.23 TO ROOSA (MEA 4000), THEN ON TRACK 281.74/8.28 TO TERBL (MEA 3000), THEN ON TRACK 282.10/4.76 TO TOWEL (MEA 3000), THEN ON HEADING 282.10. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: EXPECT CLEARANCE TO CROSS GRACE AT 10000 FEET.



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FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT: EARED, HOLD NE, RT, 230.85 INBOUND, 10 NM LEGS, AT 210 KIAS.

COMMUNICATIONS:

PITTSBURGH APP CON, PITTSBURGH ATIS ARR.

AIRPORTS SERVED:

AIRPORT NAME

CITY

STATE

PITTSBURGH INTL (KPIT)

PITTSBURGH

PA

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

ABBREVIATED AMENDMENT; DOES NOT MEET PERIODIC REVIEW REQUIREMENTS.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0).
REFERENCE MAGNETIC VARIATION = KPIT 09W/2020

FLIGHT INSPECTED BY:

ORGANIZATION:

DATE:

Digitally signed by

DAVID DANNER

Sep 28, 2020

Digitally signed by

DAVID DANNER

Sep 28, 2020

Digitally signed by

DAVID DANNER

Sep 28, 2020

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW
AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCT 3, 2018.

Flight Inspected Signature:

DEVELOPED BY:

DAN POWELL

AJV-A442

08/21/2020

Developed By Signature:

APPROVED BY:

PAT MULQUEEN

AJV-A440

Approved By Signature:

CHANGES:

1. CHANGED ALL REFERENCES OF CIP VOR/DME TO CIP DME.



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REASONS:

1. CIP VOR DECOM.



**FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)**

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
HAYNZ (RNAV)	SEVEN	GRACE.HAYNZ7	SIX	12/05/2019	25 FEB 2021

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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EN ROUTE TRANSITION

CIP DME	410846.66N/0792728.71W	Y		IF					CIP.HAYNZ7
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EARED	405732.55N/0794048.39W	Y	FB	TF	222.00	15.09			
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GRACE	405124.66N/0794802.12W	Y	FB	TF	221.85	08.22			
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EN ROUTE TRANSITION

PSB VORTAC	405458.53N/0775933.78W	Y		IF					PSB.HAYNZ7
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EARED	405732.55N/0794048.39W	Y	FB	TF	272.47	76.77			
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GRACE	405124.66N/0794802.12W	Y	FB	TF	221.85	08.22			
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EN ROUTE TRANSITION

SLT VORTAC	413045.93N/0775812.40W	Y		IF					SLT.HAYNZ7
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EARED	405732.55N/0794048.39W	Y	FB	TF	247.35	84.23			
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GRACE	405124.66N/0794802.12W	Y	FB	TF	221.85	08.22			
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QUALITY
14
CHECKED

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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COMMON ROUTE

GRACE	405124.66N/0794802.12W	Y		IF					GRACE.HAYNZ7
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HAYNZ	404631.24N/0794921.23W	Y	FB	TF	191.58	04.99			
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RUNWAY TRANSITION

HAYNZ	404631.24N/0794921.23W	Y		IF					
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MYRON	203702.48N/0795154.58W	Y	FO	TF	191.61	09.67			
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KPIT: RW28L, 28C, 28R				VM	117.00				
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RUNWAY TRANSITION

HAYNZ	404631.24N/0794921.23W	Y		IF					
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MYRON	403702.48N/0795154.58W	Y	FB	TF	191.61	09.67			
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COPPE	402640.39N/0795720.76W	Y	FO	TF	201.83	11.16			
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KPIT: RW32					VM	157.00			
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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RUNWAY TRANSITION

HAYNZ	404631.24N/0794921.23W	Y		IF					
ROOSA	403442.72N/0800550.86W	Y	FB	TF	226.85	17.23			
TERBL	403506.00N/0801642.18W	Y	FB	TF	272.74	08.28			
TOWEL	403521.29N/0802256.55W	Y	FO	TF	273.10	04.76			
KPIT:RWY 10L, 10C, 10R				VM	273.10				

QUALITY
14
CHECKED