

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.
Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
SYMIN (RNAV)	ONE	SYMIN.SYMIN1	NONE		30JAN2020

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
APACK	APACK.SYMIN1	APACK	APACK						AT/ABOVE FL250
			MSONA	186.88	77.11	FL210	1200		
			KYLIO	176.58	35.03	FL190	1200		AT/ABOVE FL190
			ZORTA	205.20	37.38	13000	1200		AT/ABOVE 13000
			SYMIN	201.26	20.78	8000	1200		AT/ABOVE 9000
BITTA	BITTA.SYMIN1	BITTA	BITTA						AT/ABOVE FL250
			BOWSZ	211.18	94.35	FL210	1200		AT/ABOVE FL210
			HISPO	208.68	51.16	13000	1200		AT/ABOVE 13000
			SYMIN	207.62	19.80	8000	1200		AT/ABOVE 9000
DENNS	DENNS.SYMIN1	DENNS	DENNS						AT/ABOVE FL250
			DLIMA	246.91	137.48	FL210	1200		AT/ABOVE FL210
			JOELE	246.04	51.49	13000	1200		AT/ABOVE 13000
			SYMIN	212.58	19.15	8000	1200		AT/ABOVE 9000
ZIGIE	ZIGIE.SYMIN1	ZIGIE	ZIGIE						AT/ABOVE FL250
			MSONA	150.55	94.36	FL210	1200		
			KYLIO	176.58	35.03	FL190	1200		AT/ABOVE FL190
			ZORTA	205.20	37.38	13000	1200		AT/ABOVE 13000
			SYMIN	201.26	20.78	8000	1200		AT/ABOVE 9000

ARRIVAL ROUTE DESCRIPTION:

LANDING PHNL: FROM SYMIN ON TRACK 210.21/16.01 TO CROSS CUDEK AT 6000 AND AT 210 KIAS, THEN ON HEADING 210.21 OR AS ASSIGNED BY ATC. EXPECT ASSIGNED INSTRUMENT APPROACH PROCEDURE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: GPS REQUIRED

NOTE: TURBOJET AND TURBOPROP AIRCRAFT ONLY

NOTE: FOR NON-RNP AR AIRCRAFT LANDING RWY 26L/R, EXPECT LDA OR RADAR VECTORS TO FINAL APPROACH COURSE PRIOR TO CUDEK.

NOTE: TURBOJET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL TRANSITION TO 280 KIAS. MAINTAIN 280 KIAS UNTIL 10000 MSL.

NOTE: DO NOT CHART MOCA'S.



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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
SYMIN (RNAV)	ONE	SYMIN.SYMIN1	NONE		30JAN2020

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT SYMIN: HOLD NE, RT, 210.21 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

HNL ATIS, HCF CENTER, HCF APP CON, HNL TWR

AIRPORTS SERVED:

DANIEL K INOUE INTL, HONOLULU, HI (PHNL)

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

MEA'S IN FLIGHT LEVELS REQUIRED FOR COMM

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: NOT CONDUCTED
REFERENCE MAGNETIC VARIATION = PHNL 11E/1990
CHART AT CUDEK TERMINUS: LDG PHNL.
DO NOT CHART MOCAs

FLIGHT INSPECTED BY:

KIM M BROWN
Name

FICO
Organization

7/14/19
Date

Digitally signed by
JACOB POWERS
Dec 03, 2019

Signature

DEVELOPED BY:

NEIL OKUNA, SS
Name

HONOLULU CONTROL FACILITY
Organization

05/14/2019
Date

Digitally signed by
JACOB POWERS
Dec 03, 2019

Signature

APPROVED BY:

PAT MULQUEEN
Name

AJV-A440
Organization

Date

Digitally signed by
JACOB POWERS
Dec 03, 2019

Signature

CHANGES:

REASONS:



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name SYMIN (RNAV)	Number ONE	STAR Computer Code SYMIN.SYMIN1		Superseded Number NONE		Dated		Effective Date 30JAN2020	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
APACK	240237.33N / 1561910.35W	Y		IF			AT/ABOVE FL250		APACK.SYMIN1
MSONA	224857.72N / 1564448.06W	Y	FB	TF	197.88	77.11			
KYLIO	221407.00N / 1564947.00W	Y	FB	TF	187.58	35.03	AT/ABOVE FL190		
ZORTA	214348.98N / 1571329.74W	Y	FB	TF	216.20	37.38	AT/ABOVE 13000		
SYMIN	212610.51N / 1572522.99W	Y	FB	TF	212.26	20.78	AT/ABOVE 9000	AT 250K	
En Route Transition									
BITTA	233140.91N / 1552843.81W	Y		IF			AT/ABOVE FL250		BITTA.SYMIN1
BOWSZ	222116.78N / 1563704.06W	Y	FB	TF	222.18	94.35	AT/ABOVE FL210		
HISPO	214142.43N / 1571208.39W	Y	FB	TF	219.68	51.16	AT/ABOVE 13000		
SYMIN	212610.51N / 1572522.99W	Y	FB	TF	218.62	19.80	AT/ABOVE 9000	AT 250K	
En Route Transition									
DENNS	222148.24N / 1535250.10W	Y		IF			AT/ABOVE FL250		DENNS.SYMIN1
DLIMA	215150.78N / 1561721.73W	Y	FB	TF	257.91	137.48	AT/ABOVE FL210		
JOELE	214006.45N / 1571114.08W	Y	FB	TF	257.04	51.49	AT/ABOVE 13000		
SYMIN	212610.51N / 1572522.99W	Y	FB	TF	223.58	19.15	AT/ABOVE 9000	AT 250K	
En Route Transition									
ZIGIE	241849.30N / 1571707.30W	Y		IF			AT/ABOVE FL250		ZIGIE.SYMIN1
MSONA	224857.72N / 1564448.06W	Y	FB	TF	161.55	94.36			
KYLIO	221407.00N / 1564947.00W	Y	FB	TF	187.58	35.03	AT/ABOVE FL190		
ZORTA	214348.98N / 1571329.74W	Y	FB	TF	216.20	37.38	AT/ABOVE 13000		
SYMIN	212610.51N / 1572522.99W	Y	FB	TF	212.26	20.78	AT/ABOVE 9000	AT 250K	
Common Route									
SYMIN	212610.51N / 1572522.99W	Y		IF			AT/ABOVE 9000	AT 250K	SYMIN.SYMIN1
CUDEK	211404.90N / 1573640.48W	Y	FO	TF	221.21	16.01	AT 6000	AT 210K	
PHNL				VM	221.21		AT 6000	AT 210K	

