

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.
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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
ALYNA (RNAV)	FOUR	ALYNA.ALYNA4	THREE	11/03/2022	25 Jan 2024

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BEAUX	BEAUX.ALYNA4	BEAUX	BEAUX						
			SURFR	258.55	27.61	12000	1600		AT 14000
			ALYNA	270.75	29.43	6000	1600		
GRDON	GRDON.ALYNA4	GRDON	GRDON						
			TIMIE	198.72	22.34	6000	1600		AT 12000
			BURNE	201.11	08.13	6000	1600		
			ALYNA	252.12	14.42	6000	1600		
HIBAC	HIBAC.ALYNA4	HIBAC	HIBAC						
			BEAUX	256.99	22.64	14000	1600		
			SURFR	258.55	27.61	12000	1600		AT 14000
			ALYNA	270.75	29.43	6000	1600		
SURFR	SURFR.ALYNA4	SURFR	SURFR						AT 14000
			ALYNA	270.75	29.43	6000	1600		
WOPNR	WOPNR.ALYNA4	WOPNR	WOPNR						
			PRMUS	188.99	48.46	6000	1600		
			TIMIE	163.32	52.15	6000	1600		AT 12000
			BURNE	201.11	08.13	6000	1600		
			ALYNA	252.12	14.42	6000	1600		

ARRIVAL ROUTE DESCRIPTION:

LANDING KMCO RWY 17L/R, 18L/R: FROM ALYNA ON TRACK 269.96/6.72 TO CROSS BANYA AT 7000 AND AT 210 KIAS, THEN ON HEADING 246.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KMCO RWY 35L/R, 36L/R: FROM ALYNA ON TRACK 237.42/7.68 TO CROSS HIGGZ BETWEEN 10000 AND 12000 AND AT 250 KIAS, THEN ON TRACK 198.94/9.87 TO CROSS VOSSS AT OR ABOVE 8000 AND AT 230 KIAS, THEN ON TRACK 186.43/7.02 TO CROSS SUNDE AT OR ABOVE 6000, THEN ON TRACK 186.38/6.95 TO CROSS CUBAL AT 5000 AND AT 210 KIAS, THEN ON TRACK 186.38. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KLEE/KSFB/KISM/KORL: FROM ALYNA ON TRACK 262.78/6.78 TO CROSS BUDLE AT 6000, THEN ON HEADING 262.78. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED



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ALYNA (RNAV)	FOUR	ALYNA.ALYNA4	THREE	11/03/2022	25 Jan 2024

PROCEDURAL DATA NOTES:

NOTE: JET AND TURBOPROP AIRCRAFT ONLY

NOTE: ONLY HIBAC TRANSITION AVAILABLE FOR FILING. ALL OTHER TRANSITIONS TO BE ASSIGNED BY ATC.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT GRDON: HOLD N, RT, 198.72 INBOUND, 10 NM LEGS.

CHART HOLDING AT SURFR: HOLD E, LT, 258.55 INBOUND, 10 NM LEGS.

CHART HOLDING AT TIMIE: HOLD N, RT, 163.32 INBOUND, 10 NM LEGS.

CHART: HATMA, HEWES, FEDSA.

COMMUNICATIONS:

CHART: ORLANDO APPROACH CON

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KMCO	ORLANDO	FL
KORL	ORLANDO	FL
KISM	ORLANDO	FL
KLEE	LEESBURG	FL
KSFB	ORLANDO	FL

LOST COMMUNICATIONS PREFERENCES:**REMARKS:**

ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.

CO OVER WATER ASSUMED TO BE 295 FT SHIP HEIGHT.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

MAG VAR: KMCO 06W/2015

CHART AT BANYA TERMINUS: KMCO LDG RWY 17L/R, 18L/R

CHART AT CUBAL TERMINUS: KMCO LDG RWY 35L/R, 36L/R

CHART AT BUDLE TERMINUS: LDG KLEE/KSFB/KISM/KORL

QUALITY
14
CHECKED

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ALYNA (RNAV)	FOUR	ALYNA.ALYNA4	THREE	11/03/2022	25 Jan 2024

FLIGHT INSPECTED BY:

JON D HOLLAND

ORGANIZATION:

FPO

DATE:

11/09/2023

Flight Inspected Signature:

Digitally signed by

CASIMIR L TABAKA

Digitally signed by

Nov 14, 2023

DEVELOPED BY:

Joseph Blanco

AJV-A432

8/8/2023

Developed By Signature:

JOSEPH A BLANCO

Aug 17, 2023

APPROVED BY:

Johnnie Baker

AJV-A430

Approved By Signature:

Digitally signed by

CASIMIR L TABAKA

Aug 18, 2023

CHANGES:

1. AMENDED HOLDING PATTERN AT TIMIE FROM HOLD N, LT 198.72 INBOUND, 10 NM LEGS TO HOLD N, RT, 163.32 INBOUND, 10 NM LEGS.

REASONS:

1. ATC REQUEST.

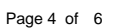
10/17/2023: THIS IS AN UPDATED COPY OF THE FOR DEVELOPED ON 8/8/2023

CHANGED NOTE: DO NOT FILE SURFR, GRDON, BEAUX, OR WOPNR TRANSITION - TO BE ASSIGNED BY ATC TO READ NOTE: ONLY HIBAC TRANSITION AVAILABLE FOR FILING. ALL OTHER TRANSITIONS TO BE ASSIGNED BY ATC.

QUALITY
14
CHECKED

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Graphic Depiction 1

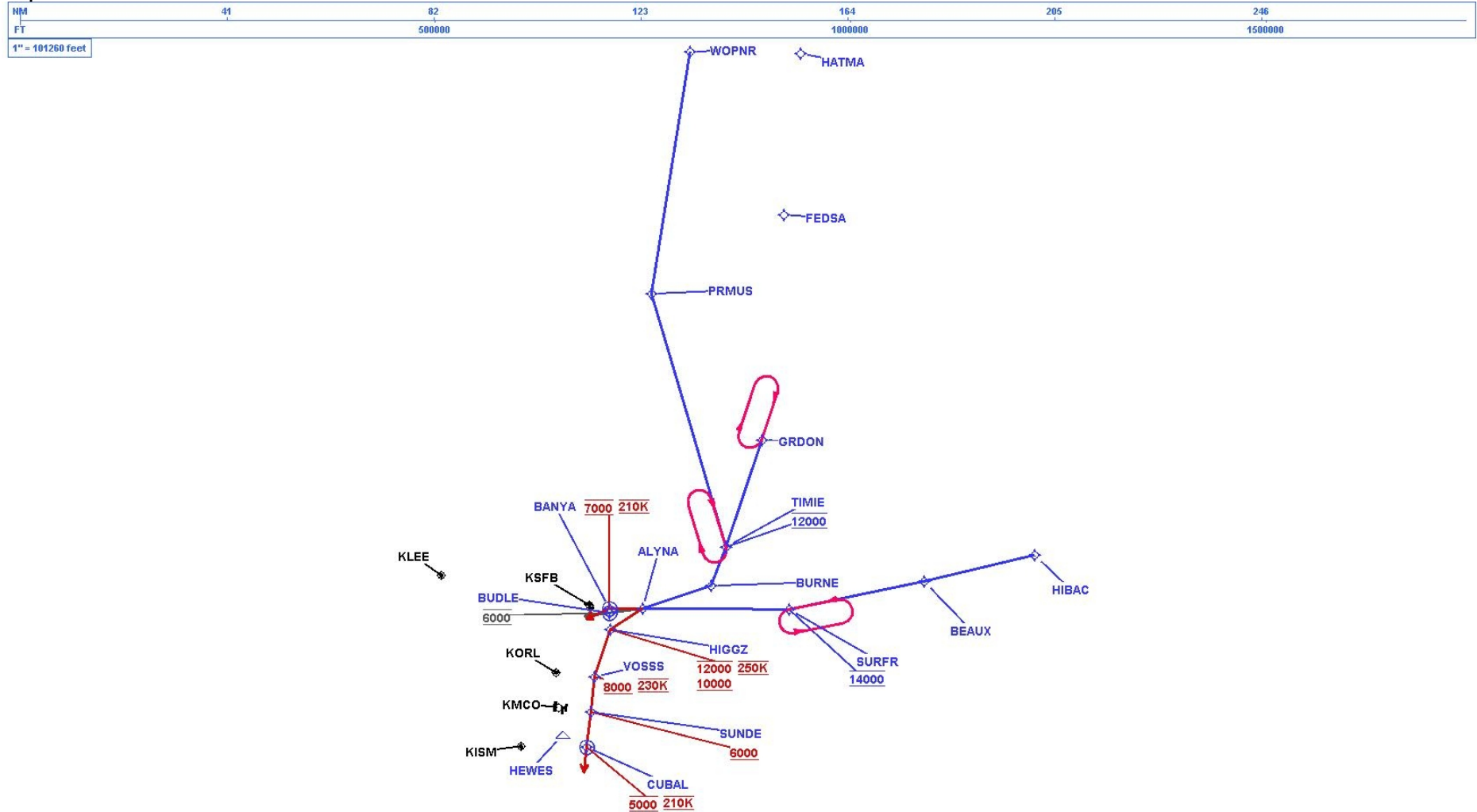


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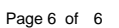
Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
ALYNA (RNAV)	FOUR	ALYNA.ALYNA4	THREE	11/03/2022	25 Jan 2024

Graphic Depiction 2



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Graphic Depiction 3



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name ALYNA (RNAV)		Number FOUR		STAR Computer Code ALYNA.ALYNA4			Superseded Number THREE			Dated 11/03/2022	Effective Date 25 Jan 2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
En Route Transition											
BEAUX	285812.71N / 0795829.19W	Y		IF					BEAUX.ALYNA4		
SURFR	284951.39N / 0802828.59W	Y	FB	TF	252.55	27.61	AT 14000				
ALYNA	284705.37N / 0810149.94W	Y	FB	TF	264.75	29.43					
En Route Transition											
GRDON	292240.70N / 0803847.91W	Y		IF					GRDON.ALYNA4		
TIMIE	290049.74N / 0804424.64W	Y	FB	TF	192.72	22.34	AT 12000				
BURNE	285257.35N / 0804649.57W	Y	FB	TF	195.11	08.13					
ALYNA	284705.37N / 0810149.94W	Y	FB	TF	246.12	14.42					
En Route Transition											
HIBAC	290538.63N / 0793404.65W	Y		IF					HIBAC.ALYNA4		
BEAUX	285812.71N / 0795829.19W	Y	FB	TF	250.99	22.64					
SURFR	284951.39N / 0802828.59W	Y	FB	TF	252.55	27.61	AT 14000				
ALYNA	284705.37N / 0810149.94W	Y	FB	TF	264.75	29.43					
En Route Transition											
SURFR	284951.39N / 0802828.59W	Y		IF			AT 14000		SURFR.ALYNA4		
ALYNA	284705.37N / 0810149.94W	Y	FB	TF	264.75	29.43					
En Route Transition											
WOPNR	303736.03N / 0810426.44W	Y		IF					WOPNR.ALYNA4		
PRMUS	294905.67N / 0810720.74W	Y	FB	TF	182.99	48.46					
TIMIE	290049.74N / 0804424.64W	Y	FB	TF	157.32	52.15	AT 12000				
BURNE	285257.35N / 0804649.57W	Y	FB	TF	195.11	08.13					
ALYNA	284705.37N / 0810149.94W	Y	FB	TF	246.12	14.42					

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STAR (DATA RECORD)**

Arrival Name ALYNA (RNAV)		Number FOUR		STAR Computer Code ALYNA.ALYNA4		Superseded Number THREE		Dated 11/03/2022	Effective Date 25 Jan 2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Common Route									
ALYNA	284705.37N / 0810149.94W	Y		IF					ALYNA.ALYNA4
BUDLE	284531.89N / 0810920.53W	Y	FO	TF	256.78	06.78	AT 6000		
KISM,KLEE,KORL, KSFB				VM	256.78				
Runway Transition									
ALYNA	284705.37N / 0810149.94W	Y		IF					
BANYA	284622.62N / 0810926.04W	Y	FO	TF	263.96	06.72	AT 7000	AT 210K	
KMCO:RWY 17L,RWY 17R,RWY 18L,RWY 18R				VM	240.00				
Runway Transition									
ALYNA	284705.37N / 0810149.94W	Y		IF					
HIGGZ	284216.96N / 0810839.80W	Y	FB	TF	231.42	07.68	10000B12000	AT 250K	
VOSSS	283237.98N / 0811110.45W	Y	FB	TF	192.94	09.87	AT/ABOVE 8000	AT 230K	
SUNDE	282535.58N / 0811114.05W	Y	FB	TF	180.43	07.02	AT/ABOVE 6000		
CUBAL	281837.67N / 0811117.18W	Y	FO	TF	180.38	06.95	AT 5000	AT 210K	
KMCO:RWY 35L,RWY 35R,RWY 36L,RWY 36R				FM	180.38				