

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Arrival Name BANGZ (RNAV)	Number ONE	STAR Computer Code BANGZ.BANGZ1	Superseded Number NONE	Dated	Effective Date 19 May2022				
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
ACORI	ACORI.BANGZ1	ACORI	ACORI						
			CABLO	143.52	79.46	8000	2600		
			THRTL	144.08	35.12	8000	2600		
			HEVVN	144.24	40.11	8000	2600		
			CLAMP	155.60	32.67	8000	2600		
			LALAA	168.44	23.08	8000	2600		
			CORRL	160.51	38.30	8000	2600	AT/ABOVE 8000	
			BANGZ	161.14	07.49	6000	2600	BETWEEN 7000 AND 13000	
BADDD	BADDD.BANGZ1	BADDD	BADDD						
			GPEEE	257.83	62.97	8000	2600		
			THRTL	211.98	60.21	8000	2600		
			HEVVN	144.24	40.11	8000	2600		
			CLAMP	155.60	32.67	8000	2600		
			LALAA	168.44	23.08	8000	2600		
			CORRL	160.51	38.30	8000	2600	AT/ABOVE 8000	
			BANGZ	161.14	07.49	6000	2600	BETWEEN 7000 AND 13000	
DEFUN	DEFUN.BANGZ1	DEFUN	DEFUN						
			CABLO	096.70	66.78	8000	2600		
			THRTL	144.08	35.12	8000	2600		
			HEVVN	144.24	40.11	8000	2600		
			CLAMP	155.60	32.67	8000	2600		
			LALAA	168.44	23.08	8000	2600		
			CORRL	160.51	38.30	8000	2600	AT/ABOVE 8000	
			BANGZ	161.14	07.49	6000	2600	BETWEEN 7000 AND 13000	
HEVVN	HEVVN.BANGZ1	HEVVN	HEVVN						
			CLAMP	155.60	32.67	8000	2600		
			LALAA	168.44	23.08	8000	2600		

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Arrival Name		Number		STAR Computer Code		Superseded Number			Dated		Effective Date
BANGZ (RNAV)		ONE		BANGZ.BANGZ1		NONE					19 May 2022
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes		
			CORRL	160.51	38.30	8000	2600		AT/ABOVE 8000		
			BANGZ	161.14	07.49	6000	2600		BETWEEN 7000 AND 13000		
HONID	HONID.BANGZ1	HONID	HONID								
			THRTL	185.07	78.83	8000	2600				
			HEVVN	144.24	40.11	8000	2600				
			CLAMP	155.60	32.67	8000	2600				
			LALAA	168.44	23.08	8000	2600				
			CORRL	160.51	38.30	8000	2600		AT/ABOVE 8000		
			BANGZ	161.14	07.49	6000	2600		BETWEEN 7000 AND 13000		

ARRIVAL ROUTE DESCRIPTION:

LANDING KSRQ RWY 14: FROM BANGZ ON TRACK 144.12/6.55 TO KIDLE, THEN ON TRACK 182.74/24.55 TO ALROE, THEN ON TRACK 137.58/7.94 TO MAHAR, THEN ON TRACK 139.71/13.08 TO CROSS PASOE AT OR ABOVE 3000, THEN ON HEADING 139.70 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KSRQ RWY 32: FROM BANGZ ON TRACK 144.12/6.55 TO KIDLE, THEN ON TRACK 182.74/24.55 TO ALROE, THEN ON TRACK 137.58/7.94 TO MAHAR, THEN ON TRACK 128.03/25.22 TO FIVDO, THEN ON TRACK 138.71/12.76 TO CROSS MURDO AT OR ABOVE 3000, THEN ON HEADING 228.00 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KPIE: FROM BANGZ ON TRACK 144.12/6.55 TO KIDLE, THEN ON TRACK 098.57/8.17 TO CROSS BOLTS AT OR ABOVE 3000, THEN ON HEADING 090.00 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KVNC: FROM BANGZ ON TRACK 144.12/6.55 TO KIDLE, THEN ON TRACK 182.74/24.55 TO ALROE, THEN ON TRACK 149.64/7.46 TO CROSS COVUM AT OR ABOVE 6000, THEN ON TRACK 149.64. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET and TURBOPROP AIRCRAFT ONLY.

NOTE: BADDD Transition ATC Assigned Only.

NOTE: HEVVN Transition ATC Assigned Only.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT HEVVN: HOLD NW, LT, 155.59 INBOUND, 10 NM LEGS.

CHART HOLDING AT CORRL: HOLD N, RT, 160.51 INBOUND, 10 NM LEGS.

CHART HOLDING AT THRTL: HOLD NW, LT, 144.24 INBOUND, 10 NM LEGS.

CHART KRSTI.

COMMUNICATIONS:

CHART: TAMPA APPROACH CONTROL.

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
BANGZ (RNAV)	ONE	BANGZ.BANGZ1	NONE		19 May 2022

AIRPORTS SERVED:

SARASOTA/BRADENTON INTL, SARASOTA/BRADENTON, FL (KSRQ)
ST PETE-CLEARWATER INTL, ST PETERSBURG-CLEARWATER, FL (KPIE)
VENICE MUNI, VENICE, FL (KVNC)

LOST COMMUNICATIONS PROCEDURE:REMARKS:

ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.
MEAs AT or ABOVE FL180 for COMM and DME/DME/IRU SOLUTIONS.
295' SHIP HEIGHT EVALUATED OVER OPEN WATER.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
REFERENCE MAGNETIC VARIATION = KSRQ 05W/2010
CHART AT PASOE TERMINUS: LDG KSRQ RWY 14
CHART AT MURDO TERMINUS: LDG KSRQ RWY 32
CHART AT BOLTS TERMINUS: LDG KPIE
CHART AT COVUM TERMINUS: LDG KVNC

FLIGHT INSPECTED BY:

GARY BELL	FPO	03/16/2022	<i>Digitally signed by</i> DONALD H LANIER	
Name	Organization	Date	Mar 21, 2022	Signature

DEVELOPED BY:

VICKI TURNER	Design and Implementation Program Manager, AJV22	01/6/2022	<i>Digitally signed by</i> DONALD H LANIER	
Name	Organization	Date	Mar 21, 2022	Signature

APPROVED BY:

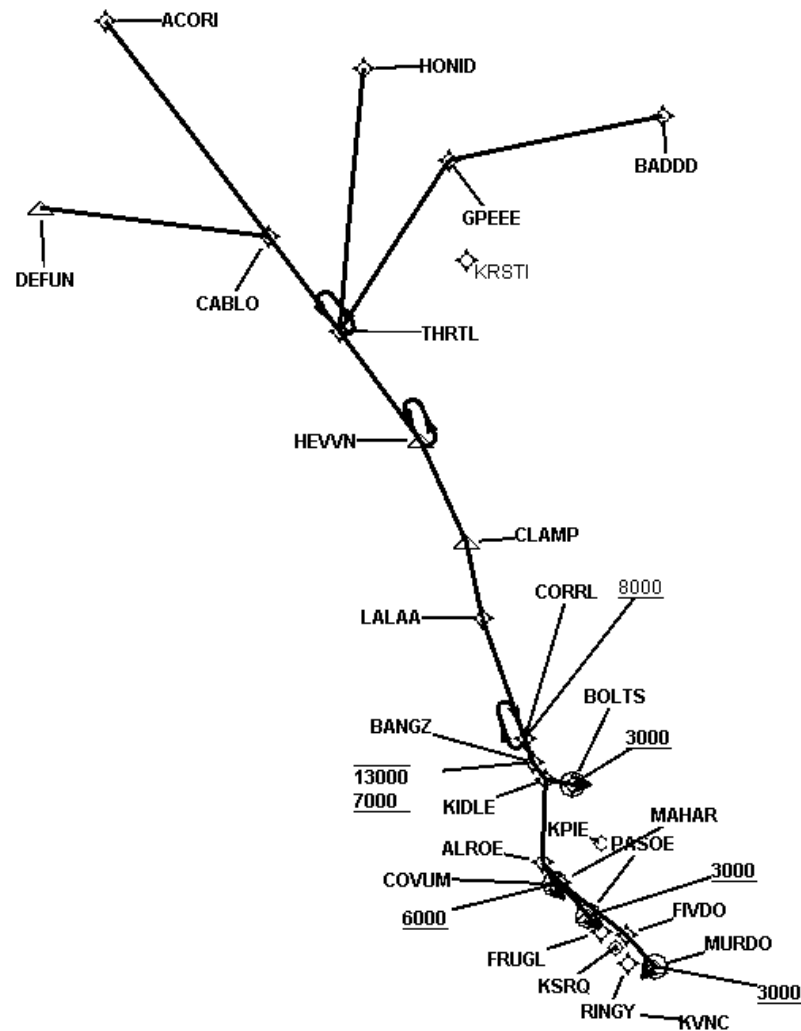
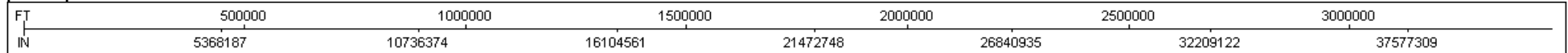
LONNIE EVERHART	AJV-A430		<i>Digitally signed by</i> DONALD H LANIER	
Name	Organization	Date	Mar 21, 2022	Signature

CHANGES:REASONS:

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
BANGZ (RNAV)	ONE	BANGZ.BANGZ1	NONE		19 May 2022

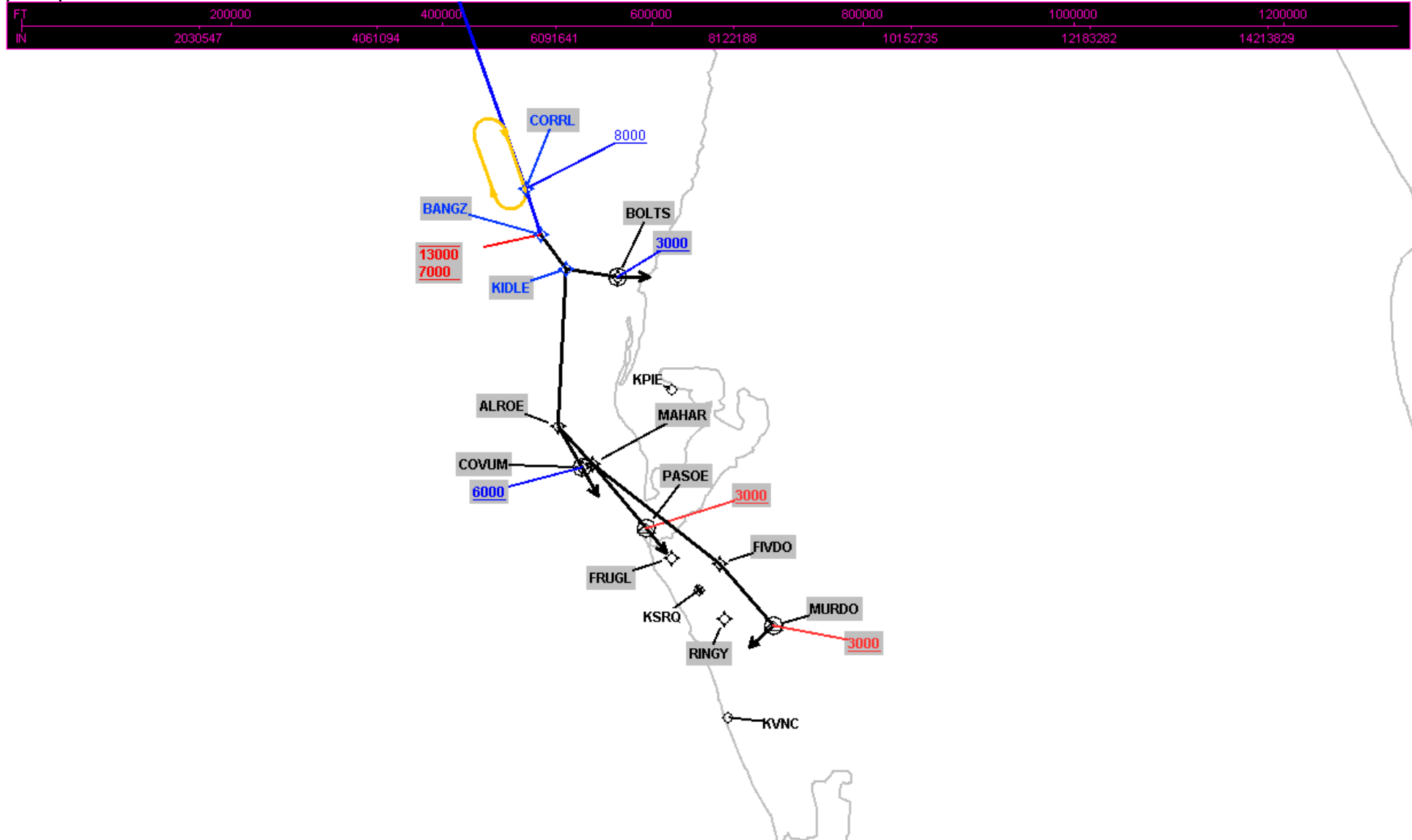
Graphic Depiction 1

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
BANGZ (RNAV)	ONE	BANGZ.BANGZ1	NONE		19 May 2022

Graphic Depiction 2

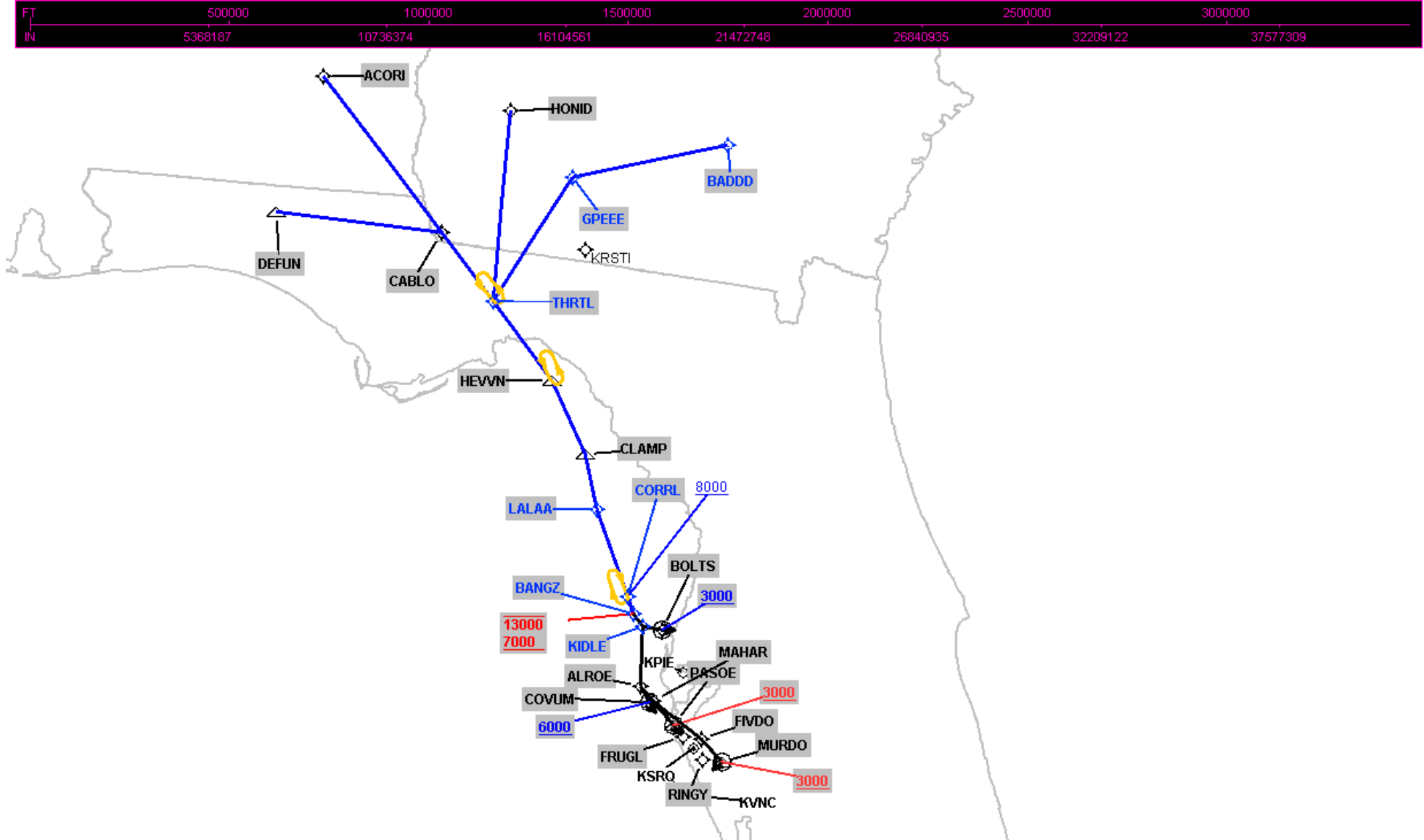


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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
BANGZ (RNAV)	ONE	BANGZ.BANGZ1	NONE		19 May 2022

Graphic Depiction 3



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name BANGZ (RNAV)		Number ONE		STAR Computer Code BANGZ.BANGZ1		Superseded Number NONE		Dated	Effective Date 19 May 2022
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
ACORI	314623.36N / 0855129.51W	Y		IF					ACORI.BANGZ1
CABLO	304629.00N / 0845024.00W	Y	FB	TF	138.52	79.46			
THRTL	301949.99N / 0842349.07W	Y	FB	TF	139.08	35.12			
HEVVN	294919.11N / 0835342.89W	Y	FB	TF	139.24	40.11			
CLAMP	292045.84N / 0833521.61W	Y	FB	TF	150.60	32.67			
LALAA	285835.08N / 0832751.69W	Y	FB	TF	163.44	23.08			
CORRL	282337.04N / 0830951.57W	Y	FB	TF	155.51	38.30	AT/ABOVE 8000		
BANGZ	281644.74N / 0830625.61W	Y	FB	TF	156.14	07.49	7000B13000		
En Route Transition									
BADDD	313237.68N / 0824205.34W	Y		IF					BADDD.BANGZ1
GPEEE	311340.41N / 0835215.08W	Y	FB	TF	252.83	62.97			
THRTL	301949.99N / 0842349.07W	Y	FB	TF	206.98	60.21			
HEVVN	294919.11N / 0835342.89W	Y	FB	TF	139.24	40.11			
CLAMP	292045.84N / 0833521.61W	Y	FB	TF	150.60	32.67			
LALAA	285835.08N / 0832751.69W	Y	FB	TF	163.44	23.08			
CORRL	282337.04N / 0830951.57W	Y	FB	TF	155.51	38.30	AT/ABOVE 8000		
BANGZ	281644.74N / 0830625.61W	Y	FB	TF	156.14	07.49	7000B13000		
En Route Transition									
DEFUN	304851.27N / 0860753.09W	Y		IF					DEFUN.BANGZ1
CABLO	304629.00N / 0845024.00W	Y	FB	TF	091.70	66.78			
THRTL	301949.99N / 0842349.07W	Y	FB	TF	139.08	35.12			
HEVVN	294919.11N / 0835342.89W	Y	FB	TF	139.24	40.11			
CLAMP	292045.84N / 0833521.61W	Y	FB	TF	150.60	32.67			
LALAA	285835.08N / 0832751.69W	Y	FB	TF	163.44	23.08			
CORRL	282337.04N / 0830951.57W	Y	FB	TF	155.51	38.30	AT/ABOVE 8000		
BANGZ	281644.74N / 0830625.61W	Y	FB	TF	156.14	07.49	7000B13000		
QUALITY									

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name BANGZ (RNAV)	Number ONE	STAR Computer Code BANGZ.BANGZ1	Superseded Number NONE	Dated	Effective Date 19 May 2022
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
HEVVN	294919.11N / 0835342.89W	Y		IF					HEVVN.BANGZ1
CLAMP	292045.84N / 0833521.61W	Y	FB	TF	150.60	32.67			
LALAA	285835.08N / 0832751.69W	Y	FB	TF	163.44	23.08			
CORRL	282337.04N / 0830951.57W	Y	FB	TF	155.51	38.30	AT/ABOVE 8000		
BANGZ	281644.74N / 0830625.61W	Y	FB	TF	156.14	07.49	7000B13000		

En Route Transition									
HONID	313850.31N / 0842342.60W	Y		IF					HONID.BANGZ1
THRTL	301949.99N / 0842349.07W	Y	FB	TF	180.07	78.83			
HEVVN	294919.11N / 0835342.89W	Y	FB	TF	139.24	40.11			
CLAMP	292045.84N / 0833521.61W	Y	FB	TF	150.60	32.67			
LALAA	285835.08N / 0832751.69W	Y	FB	TF	163.44	23.08			
CORRL	282337.04N / 0830951.57W	Y	FB	TF	155.51	38.30	AT/ABOVE 8000		
BANGZ	281644.74N / 0830625.61W	Y	FB	TF	156.14	07.49	7000B13000		

Common Route									
BANGZ	281644.74N / 0830625.61W	Y		IF			7000B13000		KPIE BANGZ.BANGZ1
KIDLE	281146.81N / 0830134.58W	Y	FB	TF	139.12	06.55			
BOLTS	281115.93N / 0825221.14W	Y	FO	TF	093.57	08.17	AT/ABOVE 3000		
KPIE				VM	085.00				

Common Route									
BANGZ	281644.74N / 0830625.61W	Y		IF			7000B13000		KVNC BANGZ.BANGZ1
KIDLE	281146.81N / 0830134.58W	Y	FB	TF	139.12	06.55			
ALROE	274711.09N / 0830029.00W	Y	FB	TF	177.74	24.55			
COVUM	274105.04N / 0825537.25W	Y	FO	TF	144.64	07.46	AT/ABOVE 6000		
KVNC				FM	144.64				

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
BANGZ (RNAV)	ONE	BANGZ.BANGZ1	NONE		19 May 2022

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Runway Transition									
BANGZ	281644.74N / 0830625.61W	Y		IF			7000B13000		
KIDLE	281146.81N / 0830134.58W	Y	FB	TF	139.12	06.55			
ALROE	274711.09N / 0830029.00W	Y	FB	TF	177.74	24.55			
MAHAR	274147.52N / 0825353.64W	Y	FB	TF	132.58	07.94			
PASOE	273233.62N / 0824326.46W	Y	FO	TF	134.71	13.08	AT/ABOVE 3000		
KSRQ:RWY 14				VM	134.70				

Runway Transition									
BANGZ	281644.74N / 0830625.61W	Y		IF			7000B13000		
KIDLE	281146.81N / 0830134.58W	Y	FB	TF	139.12	06.55			
ALROE	274711.09N / 0830029.00W	Y	FB	TF	177.74	24.55			
MAHAR	274147.52N / 0825353.64W	Y	FB	TF	132.58	07.94			
FIVDO	272758.34N / 0823007.27W	Y	FB	TF	123.03	25.22			
MURDO	271907.45N / 0821945.91W	Y	FO	TF	133.71	12.76	AT/ABOVE 3000		
KSRQ:RWY 32				VM	223.00				