

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.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
LUNNI (RNAV)	TWO	LUNNI.LUNNI2	ONE	10/17/2013	

**TRANSITION ROUTES:**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
ESENT	ESENT.LUNNI2	ESENT	ESENT						
			BENTZ	200.90	17.80	15000	2500		AT FL240
			CATSU	201.21	40.06	8000	2500		

**ARRIVAL ROUTE DESCRIPTION:**

FROM CATSU ON TRACK 196.14/18.77 TO CROSS GOTBE AT 10000, THEN ON TRACK 196.11/5.00 TO LUNNI, THEN ON TRACK 240.00. 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 AIRCRAFT ONLY

**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING AT GOTBE: HOLD N, RT, 196.14 INBOUND, 10 NM LEGS.

**COMMUNICATIONS:**

**AIRPORTS SERVED:**

**AIRPORT ID**  
JAX

**CITY**  
JACKSONVILLE

**STATE**  
FL

**LOST COMMUNICATIONS PREFERENCES:**

**REMARKS:**

MEA ALTITUDES DUE TO DME/DME REQUIREMENTS.

LOWEST ASSIGNED ATC ALTITUDE AT LUNNI, 3000.

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

**ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0)

MAG VAR: JAX 06W/2010

CHART AT LUNNI TERMINUS: LDG JAX



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LUNNI (RNAV)	TWO	LUNNI.LUNNI2	ONE	10/17/2013	

**FLIGHT INSPECTED BY:**

JAMES R JONES

**ORGANIZATION:**

AJF

**DATE:**

01/27/2025

Flight Inspected Signature:

*Digitally signed by*

**ROBERT G HAMILTON**

Jan 31, 2025 *Digitally signed by*

**PARNELL R PRASSADA**

Aug 20, 2024

**DEVELOPED BY:**

PARNELL PRASSADA

AJV-A431

5/24/2024

Developed By Signature:

*Digitally signed by*

**ROBERT G HAMILTON**

Jan 31, 2025

**APPROVED BY:**

BEV BORDY

AJV-A430

Approved By Signature:

**CHANGES:**

1. DELETED ALTITUDE CONSTRAINTS AT ESENT.
2. UPDATED ALTITUDE CONSTRAINT AT BENTZ FROM "AT/ABOVE FL260, AT/BELOW FL300" TO "AT FL240" ON ENROUTE TRANSITIONS.
3. REPLACED GOTBE WITH CATSU IN TRANSITION ROUTES.
4. EXTENDED COMMON ROUTE BEGINNING AT CATSU TO GOTBE TO LUNNI.
5. ADDED ALTITUDE CONSTRAINT AT GOTBE OF AT 10000.
6. ADDED MOCA TO TRANSITION ROUTES.
7. REMOVED ALL RUNWAY TRANSITIONS AND THE FOLLOWING ASSOCIATED WAYPOINTS FROM PROCEDURE: DEDDA, WADIG, RUMEE, PENSE, SAVAE, LAYON, PEPIC, PALS, ZAXIT, SSAWW.
8. TERMINATED STAR AT LUNNI WITH FM LEG OF 240.
9. REMOVED MEA VALUES FROM ARRIVAL DESCRIPTION
10. COMBINED AND RELOCATED "RNAV 1 – DME/DME/IRU OR GPS REQUIRED" FROM PROCEDURAL DATA NOTES TO PBN REQUIREMENT NOTES.
11. RELOCATED "RADAR REQUIRED" FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES.
12. CHANGED "TURBOJET" TO "JET" IN PROCEDURAL DATA NOTES.
13. ADDED "CHART HOLDING AT GOTBE: HOLD N, RT, 196.14 INBOUND, 10 NM LEGS."
14. DELETED ALL ENTRIES FROM COMMUNICATIONS.
15. REMOVED AIRPORT NAME AND ADDED JAX TO AIRPORTS SERVED.
16. DELETED "STAR NAMED PER ATC" FROM REMARKS.
17. ADDED "MEA ALTITUDES DUE TO DME/DME REQUIREMENTS" AND "THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED" TO REMARKS.
18. ADDED "LOWEST ASSIGNED ATC ALTITUDE AT LUNNI, 3000" TO REMARKS.
19. CHANGED "REFERENCE MAGVAR: KJAX 06W/2010" TO "MAG VAR: JAX 06W/2010."
20. ADDED "CHART AT LUNNI TERMINUS: LDG JAX" TO ADDITIONAL FLIGHT DATA.

**REASONS:**

- 1-5, 7, 8, 13. PER ATC REQUEST DUE OPERATIONAL NECESSITY.
6. IAW 8260.19J, 4-5-12 (B) (8).
9. NOT REQUIRED IAW 8260.19I, 4-5-12 (C).
- 10-11. IAW 8260.19J, 4-5-12, (D) (1 & 2)
12. IAW 8260.19J, 4-5-12 (D) (3).
14. IAW 8260.19J, 4-5-12 (F).



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- 15. IAW 8260.19J, 4-5-12 (G).
- 16. NOT REQUIRED.
- 17. IAW 8260.19J, 4-5-12 (I).
- 18. IAW "WAIVER TO FAA ORDER 8260.19, FLIGHT PROCEDURES AND AIRSPACE, STAR TERMINATION ALTITUDE" MEMO.
- 19. IAW 8260.19J, 4-5-12 (J) (2).
- 20. IAW 8260.19J, 4-5-12 (J) (5).

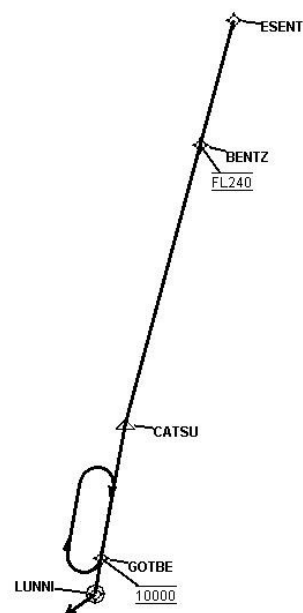
01/31/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/24/2024.  
1. RAISED MOCA FROM 1900 TO 2500 AT BENTZ.  
2. RAISED MOCA FROM 1300 TO 2500 AT CATSU.



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LUNNI (RNAV)	TWO	LUNNI.LUNNI2	ONE	10/17/2013	
Graphic Depiction 1					



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)

Arrival Name LUNNI (RNAV)	Number TWO	STAR Computer Code LUNNI.LUNNI2		Superseded Number ONE		Dated 10/17/2013	Effective Date		
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
En Route Transition									
ESENT	320928.13N / 0805503.78W	Y		IF					ESENT.LUNNI2
BENTZ	315213.64N / 0810026.36W	Y	FB	TF	194.90	17.80	AT FL240		
CATSU	311328.44N / 0811241.79W	Y	FB	TF	195.21	40.06			
Common Route									
CATSU	311328.44N / 0811241.79W	Y		IF					CATSU.LUNNI2
GOTBE	305457.44N / 0811632.36W	Y	FB	TF	190.14	18.77	AT 10000		
LUNNI	305001.42N / 0811733.53W	Y	FO	TF	190.11	05.00			
KJAX				FM	234.00				

