

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Arrival Name GNDLF (RNAV)	Number THREE	STAR Computer Code GNDLF.GNDLF3	Superseded Number TWO	Dated 02/01/2018	Effective Date
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TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BEORN	BEORN.GNDLF3	BEORN	BEORN						
			STRDR	342.85	19.54	FL180	2500	AT/ABOVE FL240	
			GIMLY	342.79	18.32	11000	2500		
			AZZOG	342.71	18.26	11000	2400		
			SMAWG	010.71	14.32	11000	2300		
COOUP	COOUP.GNDLF3	COOUP	COOUP						
			KHMYA	069.87	68.58	FL180	3100		
			CNDLR	070.52	38.67	FL180	3100		
			FNLEY	070.89	14.64	FL180	3100	AT/ABOVE FL240	
			SMAWG	071.02	48.00	11000	3100		
DRSDN	DRSDN.GNDLF3	DRSDN	DRSDN						
			SMAWG	097.64	48.54	11000	3700		
			GNDLF	058.55	09.46	9000	2300	AT/ABOVE 11000	
			ENNTT	039.57	49.38	16000	3500	AT/ABOVE FL240	
			SMAWG	039.86	48.00	11000	2900		
FRDDO	FRDDO.GNDLF3	FRDDO	FRDDO						
			BLLBO	060.49	11.31	14000	2400		
			BGGNS	060.72	15.64	14000	2400	AT/ABOVE FL240	
			SMAWG	060.78	48.00	11000	2300		
			GNDLF	058.55	09.46	9000	2300	AT/ABOVE 11000	
GOLLM	GOLLM.GNDLF3	GOLLM	GOLLM						
			ROHUN	011.21	22.50	16000	2400	AT/ABOVE FL240	
			AZZOG	011.47	33.68	11000	2400		



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Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
			SMAWG	010.71	14.32	11000	2300		
			GNDLF	058.55	09.46	9000	2300		AT/ABOVE 11000
KHMYA	KHMYA.GNDLF3	KHMYA	KHMYA						
			CNDLR	070.52	38.67	FL180	3100		
			FNLEY	070.89	14.64	FL180	3100		AT/ABOVE FL240
			SMAWG	071.02	48.00	11000	3100		
			GNDLF	058.55	09.46	9000	2300		AT/ABOVE 11000
ORRKK	ORRKK.GNDLF3	ORRKK	ORRKK						
			MORDR	082.43	60.04	16000	3300		
			RAETH	083.05	19.21	16000	3300		
			NZGUL	083.25	14.10	16000	3300		AT/ABOVE FL240
			SMAWG	083.40	48.00	11000	3300		
			GNDLF	058.55	09.46	9000	2300		AT/ABOVE 11000
SHYRE	SHYRE.GNDLF3	SHYRE	SHYRE						
			FRDDO	059.86	83.51	16000	3100		
			BLLBO	060.49	11.31	14000	2400		
			BGGNS	060.72	15.64	14000	2400		AT/ABOVE FL240
			SMAWG	060.78	48.00	11000	2300		
			GNDLF	058.55	09.46	9000	2300		AT/ABOVE 11000
STRDR	STRDR.GNDLF3	STRDR	STRDR						AT/ABOVE FL240
			GIMLY	342.79	18.32	11000	2500		
			AZZOG	342.71	18.26	11000	2400		
			SMAWG	010.71	14.32	11000	2300		
			GNDLF	058.55	09.46	9000	2300		AT/ABOVE 11000

ARRIVAL ROUTE DESCRIPTION:

FROM GNDLF ON TRACK 058.81/4.13 TO CROSS HALRR AT OR ABOVE 10000 AND AT 250 KIAS, THEN ON TRACK 058.65/8.32 TO CROSS SHULR AT 8000, THEN ON TRACK 035.52/4.13 TO JUNGLE, THEN ON TRACK 005.00/9.15 TO QUBIT, THEN ON TRACK 005.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS



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GNDLF (RNAV)	THREE	GNDLF.GNDLF3	TWO	02/01/2018	

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY

NOTE: EXPECT "DESCEND VIA" CLEARANCE FROM CENTER. APPROACH WILL ASSIGN LANDING RUNWAY.

NOTE: SELECT RWY 9R.

NOTE: FOR USE ONLY WHEN LANDING EAST. WHEN LANDING WEST, FILE AND EXPECT THE HOBTT (RNAV) ARRIVAL.

NOTE: COOUP AND KHYA TRANSITIONS, ATC ASSIGNED ONLY.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT DAWWN: HOLD SE, RT, 325.00 INBOUND, 15 NM LEGS.

CHART HOLDING AT DUUCK: HOLD W, LT, 080.00 INBOUND, 15 NM LEGS.

CHART HOLDING AT FRDDO: HOLD SW, RT, 060.49 INBOUND, 15 NM LEGS.

CHART HOLDING AT GIMLY: HOLD S, RT, 342.71 INBOUND, 15 NM LEGS.

CHART HOLDING AT MORDR: HOLD W, RT, 083.05 INBOUND, 15 NM LEGS.

CHART HOLDING AT SMAWG: HOLD SW, RT, 060.78 INBOUND, 15 NM LEGS.

CHART OCNRR AND PAYTN.

CHART LOST COMM FIXES: DEWHY, RYENN, ANDIY, LARII, GPEAT.

COMMUNICATIONS:

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
ATL	ATLANTA	GA

LOST COMMUNICATIONS PREFERENCES:

ASSIGNED RWY 10 OR RWY NOT ASSIGNED: CROSS HALRR AT OR ABOVE 10000; CROSS SHULR AT 8000; CROSS QUBIT AT 5000; AFTER QUBIT DESCEND TO 3000 AND PROCEED DIRECT DEWHY; PROCEED ON THE ILS OR RNAV RWY 10 APPROACH.

ASSIGNED RWY 9L: CROSS HALRR AT OR ABOVE 10000; CROSS SHULR AT 8000; CROSS QUBIT AT 6000; AFTER QUBIT PROCEED DIRECT RYENN AND PROCEED ON THE ILS OR RNAV RWY 9L APPROACH.

ASSIGNED RWY 9R: CROSS HALRR AT OR ABOVE 10000; CROSS SHULR AT 8000; CROSS QUBIT AT 6000; AFTER QUBIT PROCEED DIRECT ANDIY AND PROCEED ON THE ILS OR RNAV RWY 9R APPROACH.

ASSIGNED RWY 8L: CROSS HALRR AT OR ABOVE 10000; CROSS SHULR AT 8000; CROSS QUBIT AT 6000; AFTER QUBIT PROCEED DIRECT LARII AND PROCEED ON THE ILS OR RNAV RWY 8L APPROACH.

ASSIGNED RWY 8R: CROSS HALRR AT OR ABOVE 10000; CROSS SHULR AT 8000; CROSS QUBIT AT 6000; AFTER QUBIT PROCEED DIRECT GPEAT AND PROCEED ON THE ILS OR RNAV RWY 8R APPROACH.



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GNDLF (RNAV)	THREE	GNDLF.GNDLF3	TWO	02/01/2018	

REASONS:

1. ATC REQUEST.
2. NO LONGER REQUIRED.
3. ATC ASSIGNED TRANSITIONS DOCUMENTED IN PROCEDURAL DATA NOTES AND FORMATTED IAW 8260.19J 4-5-12(D)3(B).
4. PBN REQUIREMENTS DOCUMENTED IAW 8260.19J PARA 4-5-3(D)1.
5. IAW CURRENT DOCUMENTATION STANDARDS.
6. DOCUMENTED IAW 8260.19J 4-5-12(d)3(a).
7. APPROACH CONTROL AND ATIS AUTOMATICALLY CHARTED AND DO NOT NEED TO BE DOCUMENTED IN THIS SECTION IAW 8260.19J 4-5-12(F).
8. MOCA VALUES MUST NOT CLIMB IAW 8260.3G 2-2-7(D)2.
9. TERMINUS INFO DOCUMENTED IAW 8260.19J 4-5-2(H)2.
10. RADAR REQUIRED DOCUMENTED IAW 8260.19J PARA 4-5-12(D)2(b).
11. WHEN NO ALTITUDE IS SPECIFIED AT THE TERMINUS FIX, THE LOWEST ASSIGNED ATC ALTITUDE MUST BE NOTED AS A REMARK.
12. IAFS CONNECT TO STATED APPROACHES IN LOST COMM; CHARTED FOR PILOT BENEFIT.
13. CURRENT DOCUMENTATION STANDARDS.

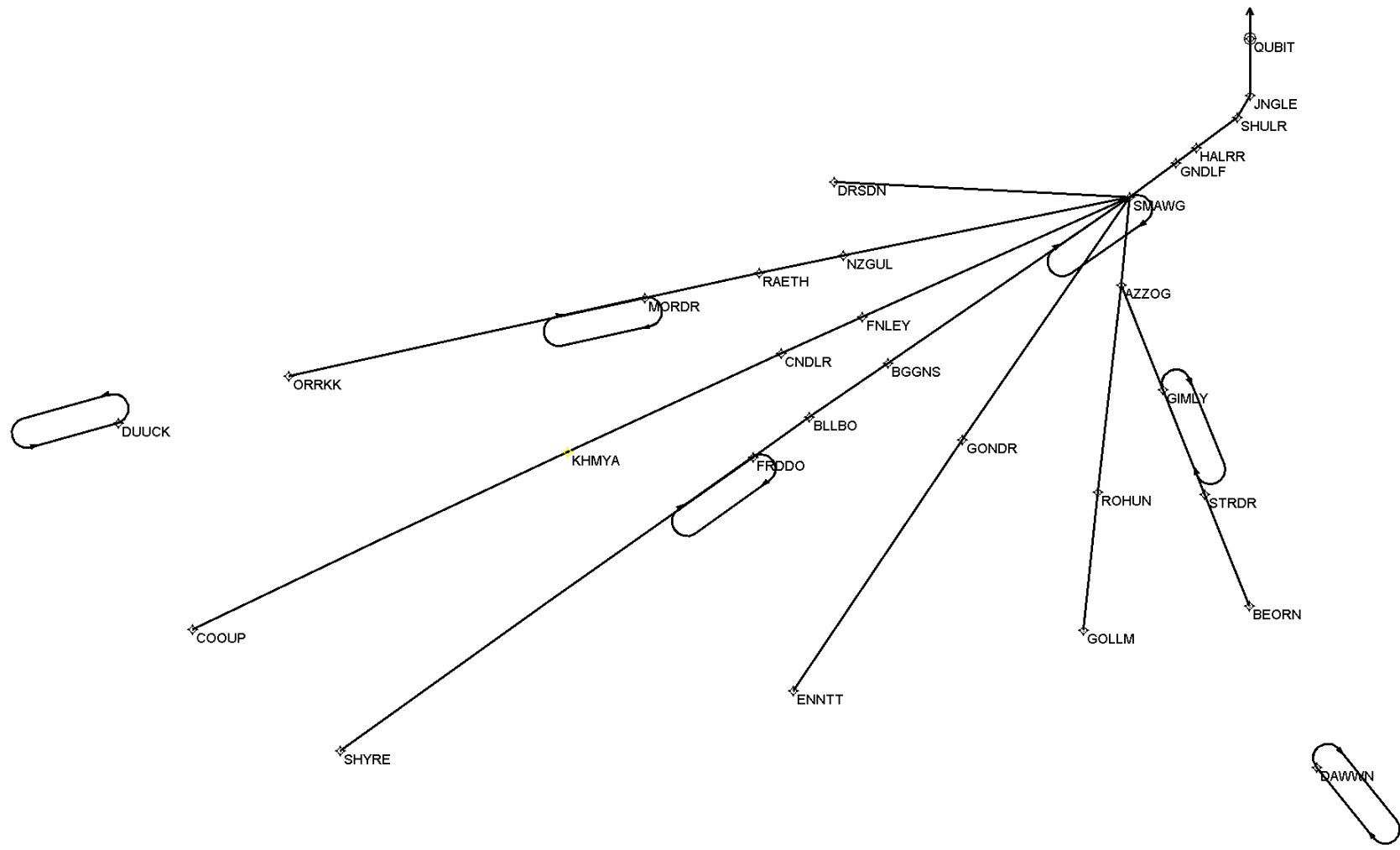


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GNDLF (RNAV)	THREE	GNDLF.GNDLF3	TWO	02/01/2018	

Graphic Depiction 1



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

Arrival Name GNDLF (RNAV)	Number THREE	STAR Computer Code GNDLF.GNDLF3		Superseded Number TWO		Dated 02/01/2018	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									
BEORN	315506.08N / 0844955.06W	Y		IF					BEORN.GNDLF3
STRDR	321314.12N / 0845836.31W	Y	FB	TF	337.85	19.54	AT/ABOVE FL240		
GIMLY	323013.52N / 0850647.65W	Y	FB	TF	337.79	18.32			
AZZOG	324709.04N / 0851500.71W	Y	FB	TF	337.71	18.26			
SMAWG	330125.53N / 0851319.04W	Y	FB	TF	005.71	14.32			
GNDLF	330703.18N / 0850415.35W	Y	FB	TF	053.55	09.46	AT/ABOVE 11000	AT 250K	
En Route Transition									
COOUP	315118.38N / 0881615.51W	Y		IF					COOUP.GNDLF3
KHMYA	322008.35N / 0870258.84W	Y	FB	TF	064.87	68.58			
CNDLR	323605.09N / 0862119.14W	Y	FB	TF	065.52	38.67			
FNLEY	324203.74N / 0860528.79W	Y	FB	TF	065.89	14.64	AT/ABOVE FL240		
SMAWG	330125.53N / 0851319.04W	Y	FB	TF	066.02	48.00			
GNDLF	330703.18N / 0850415.35W	Y	FB	TF	053.55	09.46	AT/ABOVE 11000	AT 250K	
En Route Transition									
DRSDN	330353.10N / 0861059.10W	Y		IF					DRSDN.GNDLF3
SMAWG	330125.53N / 0851319.04W	Y	FB	TF	092.64	48.54			
GNDLF	330703.18N / 0850415.35W	Y	FB	TF	053.55	09.46	AT/ABOVE 11000	AT 250K	
En Route Transition									
ENNTT	314121.41N / 0861902.27W	Y		IF					ENNTT.GNDLF3
GONDR	322201.98N / 0854557.08W	Y	FB	TF	034.57	49.38	AT/ABOVE FL240		
SMAWG	330125.53N / 0851319.04W	Y	FB	TF	034.86	48.00			
GNDLF	330703.18N / 0850415.35W	Y	FB	TF	053.55	09.46	AT/ABOVE 11000	AT 250K	
En Route Transition									
FRDDO	321918.33N / 0862649.94W	Y		IF					FRDDO.GNDLF3
BLLBO	322543.18N / 0861549.09W	Y	FB	TF	055.49	11.31			



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
BGGNS	323431.79N / 0860031.50W	Y	FB	TF	055.72	15.64	AT/ABOVE FL240		
SMAWG	330125.53N / 0851319.04W	Y	FB	TF	055.78	48.00			
GNDLF	330703.18N / 0850415.35W	Y	FB	TF	053.55	09.46	AT/ABOVE 11000	AT 250K	
En Route Transition									
GOLLM	315112.12N / 0852222.76W	Y		IF					GOLLM.GNDLF3
ROHUN	321337.03N / 0851930.67W	Y	FB	TF	006.21	22.50	AT/ABOVE FL240		
AZZOG	324709.04N / 0851500.71W	Y	FB	TF	006.47	33.68			
SMAWG	330125.53N / 0851319.04W	Y	FB	TF	005.71	14.32			
GNDLF	330703.18N / 0850415.35W	Y	FB	TF	053.55	09.46	AT/ABOVE 11000	AT 250K	
En Route Transition									
KHMYA	322008.35N / 0870258.84W	Y		IF					KHMYA.GNDLF3
CNDLR	323605.09N / 0862119.14W	Y	FB	TF	065.52	38.67			
FNLEY	324203.74N / 0860528.79W	Y	FB	TF	065.89	14.64	AT/ABOVE FL240		
SMAWG	330125.53N / 0851319.04W	Y	FB	TF	066.02	48.00			
GNDLF	330703.18N / 0850415.35W	Y	FB	TF	053.55	09.46	AT/ABOVE 11000	AT 250K	
En Route Transition									
ORRKK	323222.55N / 0875724.95W	Y		IF					ORRKK.GNDLF3
MORDR	324509.15N / 0864755.92W	Y	FB	TF	077.43	60.04			
RAETH	324906.24N / 0862538.10W	Y	FB	TF	078.05	19.21			
NZGUL	325157.80N / 0860914.48W	Y	FB	TF	078.25	14.10	AT/ABOVE FL240		
SMAWG	330125.53N / 0851319.04W	Y	FB	TF	078.40	48.00			
GNDLF	330703.18N / 0850415.35W	Y	FB	TF	053.55	09.46	AT/ABOVE 11000	AT 250K	
En Route Transition									
SHYRE	313133.43N / 0874724.74W	Y		IF					SHYRE.GNDLF3
FRDDO	321918.33N / 0862649.94W	Y	FB	TF	054.86	83.51			
BLLBO	322543.18N / 0861549.09W	Y	FB	TF	055.49	11.31			



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<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>
BGGNS	323431.79N / 0860031.50W	Y	FB	TF	055.72	15.64	AT/ABOVE FL240		
SMAWG	330125.53N / 0851319.04W	Y	FB	TF	055.78	48.00			
GNDLF	330703.18N / 0850415.35W	Y	FB	TF	053.55	09.46	AT/ABOVE 11000	AT 250K	
En Route Transition									
STRDR	321314.12N / 0845836.31W	Y		IF			AT/ABOVE FL240		STRDR.GNDLF3
GIMLY	323013.52N / 0850647.65W	Y	FB	TF	337.79	18.32			
AZZOG	324709.04N / 0851500.71W	Y	FB	TF	337.71	18.26			
SMAWG	330125.53N / 0851319.04W	Y	FB	TF	005.71	14.32			
GNDLF	330703.18N / 0850415.35W	Y	FB	TF	053.55	09.46	AT/ABOVE 11000	AT 250K	
Common Route									
GNDLF	330703.18N / 0850415.35W	Y		IF			AT/ABOVE 11000	AT 250K	GNDLF.GNDLF3
HALRR	330929.70N / 0850017.12W	Y	FB	TF	053.81	04.13	AT/ABOVE 10000	AT 250K	
SHULR	331425.85N / 0845217.88W	Y	FB	TF	053.65	08.32	AT 8000		
JNGLE	331759.84N / 0844947.64W	Y	FB	TF	030.52	04.13			
QUBIT	332709.95N / 0844947.63W	Y	FO	TF	000.00	09.15			
KATL				FM	000.00				

