

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
LIKES (RNAV)	FOUR	SLUGG.LIKES4	THREE	03/26/2016	

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BIEST	BIEST.LIKES4	BIEST	BIEST						AT/BELOW FL190
			HRLIP	330.29	08.93	10000	3100		
			FOSSL	025.45	47.57	10000	2900		
			SLUGG	025.70	15.88	4000	2600		
FOSSL	FOSSL.LIKES4	FOSSL	FOSSL						
			SLUGG	025.70	15.88	4000	2600		
GEEKY	GEEKY.LIKES4	GEEKY	GEEKY						
			LYMPY	079.77	46.49	10000	4000		
			BRRUS	079.78	47.58	10000	3200		
			SLUGG	080.40	16.04	4000	2600		
LYMPY	LYMPY.LIKES4	LYMPY	LYMPY						
			BRRUS	079.78	47.58	10000	3200		
			SLUGG	080.40	16.04	4000	2600		
SPPAD	SPPAD.LIKES4	SPPAD	SPPAD						
			HRLIP	025.06	09.25	10000	3200		
			FOSSL	025.45	47.57	10000	2900		
			SLUGG	025.70	15.88	4000	2600		

ARRIVAL ROUTE DESCRIPTION:

LANDING ALL AIRPORTS: FROM SLUGG ON TRACK 043.67/10.50 TO LIKES, THEN ON TRACK 043.67. 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: LYMPY TRANSITION: FOR ABI TERMINAL AREA DEPARTURES ONLY.

NOTE: FOSSL TRANSITION: FOR ACT AND GRK TERMINAL AREA DEPARTURES ONLY.

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FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT BRRUS: HOLD W, RT, 079.78 INBOUND, 10 NM LEGS.
CHART HOLDING AT FOSSL: HOLD SW, RT, 025.45 INBOUND, 10 NM LEGS.
CHART HOLDING AT HOVAS: HOLD SW, RT, 060.00 INBOUND, 10 NM LEGS.
CHART HOLDING AT PHILS: HOLD W, RT, 080.00 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
50F	FORT WORTH	TX
LUD	DECATUR	TX
DTO	DENTON	TX
FTW	FORT WORTH	TX
NFW	FORT WORTH	TX
WEA	WEATHERFORD	TX
AFW	FORT WORTH	TX

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

LOWEST ASSIGNED ATC ALTITUDE AT LIKES, 3000.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
MAG VAR: AFW 04E/2015
CHART AT LIKES TERMINUS: LDG 50F/AFW/DTO/FTW/LUD/NFW/WEA

FLIGHT INSPECTED BY:

COLTON CROWDER

ORGANIZATION:

AJF

DATE:

05/22/2025

Flight Inspected Signature:

Digitally signed by

ROBERT G HAMILTON

May 23, 2025

DEVELOPED BY:

Mike McDonald, MANAGER, AIRSPACE AND
PROCEDURES, TCFW, FORT WORTH DISTRICT

TCFW1-ZFW

02/24/2025

Developed By Signature:

Digitally signed by

ROBERT G HAMILTON

May 23, 2025

APPROVED BY:

Bev Bordy

AJV-A420

Approved By Signature:

Digitally signed by

ROBERT G HAMILTON

May 23, 2025

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LIKES (RNAV)	FOUR	SLUGG.LIKES4	THREE	03/26/2016	

CHANGES:

1. REMOVED NOTE: VERTICAL NAVIGATION PLANNING INFORMATION: TURBOJETS: WHEN DFW IS IN SOUTH FLOW, EXPECT TO CROSS SLUGG AT 8000. WHEN DFW IS IN NORTH FLOW, EXPECT TO CROSS SLUGG AT 6000. PROPS: EXPECT TO CROSS SLUGG AT 5000.
2. ADDED LANDING ALL AIRPORTS AND REMOVED (MEA 3000/MOCA 2400) FROM THE ARRIVAL ROUTE DESCRIPTION.
3. INCREASED MOCAS BETWEEN BIEST HRLIP FROM 2900 TO 3100, AND BETWEEN BRRUS AND SLUGG FROM 2500 TO 2600.
4. REMOVED AIRPORT NAME FROM AIRPORTS SERVED AND ADDED AIRPORT ID; REMOVED K IDENT FROM 17.1 FORM.
5. PROCEDURAL DATA NOTES RNAV 1 AND DME/DME/IRU OR GPS REQUIRED REPLACED WITH PBN REQUIREMENT NOTE RNAV 1 - DME/DME/IRU OR GPS.
6. MOVED RADAR REQUIRED FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES.
7. REMOVED AFW ATIS, NFW ATIS, FTW ATIS, REGIONAL APP CON FROM COMMUNICATIONS.
8. REMOVED RECOMMENDED NAVAID FROM 17.2 FORM.
9. ADDED TERMINUS INFORMATION TO ADDITIONAL FLIGHT DATA.
10. ADDED REMARK LOWEST ASSIGNED ATC ALTITUDE AT LIKES, 3000.

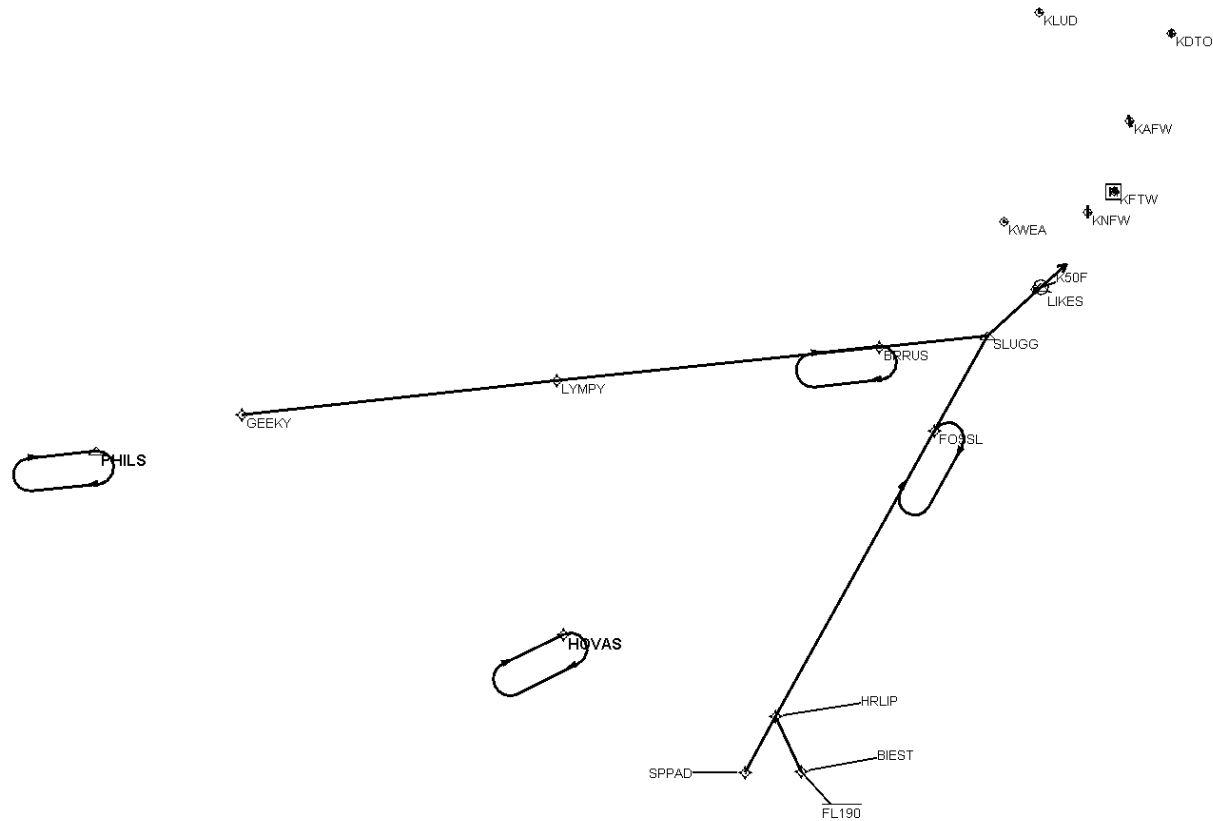
REASONS:

1. NO LONGER NEEDED.
2. MORE CONCISE LANGUAGE, MEA AND MOCA DOCUMENTED ALONG ROUTE SECTION.
3. MOCA INCREASE DUE TO NEW OBSTACLES.
4. CURRENT DOCUMENTATION STANDARDS
5. DOCUMENTED IAW 8260.19J 4-5-3(D)1.
6. RADAR IS AN EQUIPMENT REQUIREMENT, DOCUMENTED IAW 8260.19J 4-5-12d.(2)(a).
7. APPROACH CONTROL AND ATIS FREQUENCIES ARE AUTOMATICALLY CHARTED AND DO NOT NEED TO BE DOCUMENTED IN THIS SECTION IAW 8260.19J 4-5-12(F).
8. NO LONGER REQUIRED.
9. IAW 8260.19J 4-5-2H(2).
10. AFS REQUIREMENT WHEN NO ALTITUDE IS SPECIFIED AT THE TERMINUS FIX.

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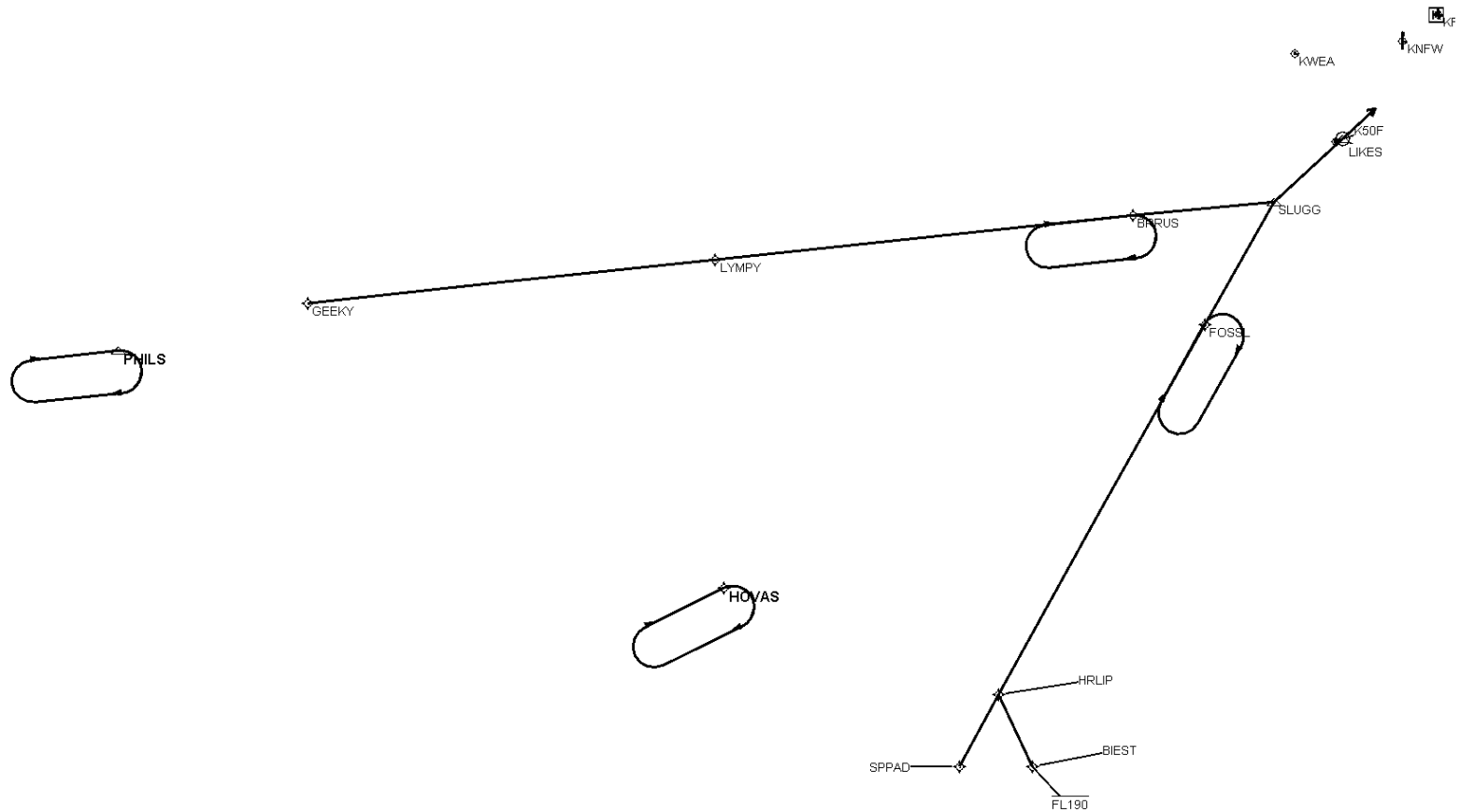
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LIKES (RNAV)	FOUR	SLUGG.LIKES4	THREE	03/26/2016	
Graphic Depiction 1					



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LIKES (RNAV)	FOUR	SLUGG.LIKES4	THREE	03/26/2016	
Graphic Depiction 2					



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name LIKES (RNAV)		Number FOUR		STAR Computer Code SLUGG.LIKES4		Superseded Number THREE		Dated 03/26/2016	Effective Date
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
BIEST	312447.24N / 0981601.61W	Y		IF			AT/BELOW FL190		BIEST.LIKES4
HRLIP	313251.21N / 0982033.79W	Y	FB	TF	334.29	08.93			
FOSSL	321419.27N / 0975259.37W	Y	FB	TF	029.45	47.57			
SLUGG	322808.26N / 0974341.39W	Y	FB	TF	029.70	15.88			
En Route Transition									
FOSSL	321419.27N / 0975259.37W	Y		IF					FOSSL.LIKES4
SLUGG	322808.26N / 0974341.39W	Y	FB	TF	029.70	15.88			
En Route Transition									
GEEKY	321646.32N / 0995301.09W	Y		IF					GEEKY.LIKES4
LYMPY	322137.86N / 0985827.28W	Y	FB	TF	083.77	46.49			
BRRUS	322635.64N / 0980233.60W	Y	FB	TF	083.78	47.58			
SLUGG	322808.26N / 0974341.39W	Y	FB	TF	084.40	16.04			
En Route Transition									
LYMPY	322137.86N / 0985827.28W	Y		IF					LYMPY.LIKES4
BRRUS	322635.64N / 0980233.60W	Y	FB	TF	083.78	47.58			
SLUGG	322808.26N / 0974341.39W	Y	FB	TF	084.40	16.04			
En Route Transition									
SPPAD	312445.30N / 0982549.20W	Y		IF					SPPAD.LIKES4
HRLIP	313251.21N / 0982033.79W	Y	FB	TF	029.06	09.25			
FOSSL	321419.27N / 0975259.37W	Y	FB	TF	029.45	47.57			
SLUGG	322808.26N / 0974341.39W	Y	FB	TF	029.70	15.88			

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LIKES (RNAV)		FOUR		SLUGG.LIKES4		THREE		03/26/2016	
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG</u> <u>TYPE</u>	<u>TC</u>	<u>DIST</u> <u>(NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
Common Route									
SLUGG	322808.26N / 0974341.39W	Y		IF					SLUGG.LIKES4
LIKES	323512.99N / 0973430.14W	Y	FO	TF	047.67	10.50			
K50F,KAFW,KDTO, KFTW,KLUD,KNFW, KWEA				FM	047.67				