

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)

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Arrival Name		Number	STAR Computer Code	Superseded Number	Dated	Effective Date
HAWKZ (RNAV)		EIGHT	HAWKZ.HAWKZ8	SEVEN	09/13/2018	
<u>TRANSITION ROUTES:</u>						
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA MOCA MAA Crossing Altitudes / Fixes
BLYTZ	BLYTZ.HAWKZ8	BLYTZ	BLYTZ			
			ESLEY	319.41	100.05	13000 12800
			BTG VORTAC	318.72	30.00	12000 5200 AT/ABOVE FL240
			PTERA	334.21	21.10	10000 5200 AT/ABOVE FL220
			KRIEG	336.19	13.69	10000 5100
			HAWKZ	342.58	27.89	10000 5100 AT/ABOVE 12000
BATTLE GROUND	BTG.HAWKZ8	BTG VORTAC	BTG VORTAC			AT/ABOVE FL240
			PTERA	334.21	21.10	10000 5200 AT/ABOVE FL220
			KRIEG	336.19	13.69	10000 5100
			HAWKZ	342.58	27.89	10000 5100 AT/ABOVE 12000
KNGDM	KNGDM.HAWKZ8	KNGDM	KNGDM			
			WRUSL	334.26	115.89	14000 10600
			BTG VORTAC	333.94	30.00	12000 5200 AT/ABOVE FL240
			PTERA	334.21	21.10	10000 5200 AT/ABOVE FL220
			KRIEG	336.19	13.69	10000 5100
			HAWKZ	342.58	27.89	10000 5100 AT/ABOVE 12000
KRIEG	KRIEG.HAWKZ8	KRIEG	KRIEG			
			HAWKZ	342.58	27.89	10000 5100 AT/ABOVE 12000
LATAY	LATAY.HAWKZ8	LATAY	LATAY			
			AAYRR	059.12	57.71	12000 5100
			HAWKZ	062.12	41.43	10000 5100 AT/ABOVE 12000
LAKEVIEW	LKV.HAWKZ8	LKV VORTAC	LKV VORTAC			
			BLYTZ	319.96	85.00	FL230 10200
			ESLEY	319.41	100.05	13000 12800
			BTG VORTAC	318.72	30.00	12000 5200 AT/ABOVE FL240
			PTERA	334.21	21.10	10000 5200 AT/ABOVE FL220
			KRIEG	336.19	13.69	10000 5100

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Arrival Name HAWKZ (RNAV)		Number EIGHT		STAR Computer Code HAWKZ.HAWKZ8		Superseded Number SEVEN			Dated 09/13/2018	Effective Date
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes	
			HAWKZ	342.58	27.89	10000	5100		AT/ABOVE 12000	
KLAMATH FALLS	LMT.HAWKZ8	LMT VORTAC	LMT VORTAC							
			KNGDM	334.45	73.00	FL200	10700			
			WRUSL	334.26	115.89	14000	10600			
			BTG VORTAC	333.94	30.00	12000	5200		AT/ABOVE FL240	
			PTERA	334.21	21.10	10000	5200		AT/ABOVE FL220	
			KRIEG	336.19	13.69	10000	5100			
			HAWKZ	342.58	27.89	10000	5100		AT/ABOVE 12000	

ARRIVAL ROUTE DESCRIPTION:

FROM HAWKZ ON TRACK 023.08/4.60 TO LIINE.

LANDING RWY 16L/C/R: FROM LIINE ON TRACK 021.93/7.12 TO CROSS PIKEZ BETWEEN 12000 AND 15000 AND AT 250 KIAS, THEN ON TRACK 000.60/8.84 TO COFAY, THEN ON TRACK 351.10/6.72 TO CROSS BREVE BETWEEN 10000 AND 11000 AND AT 250 KIAS, THEN ON TRACK 349.93/9.81 TO CROSS NETTZ AT OR ABOVE 8000 AND AT 230 KIAS, THEN ON TRACK 343.97/3.40 TO CROSS KWEST AT OR ABOVE 7000, THEN ON TRACK 343.98/6.15 TO CROSS VASHN AT 6000 AND AT 210 KIAS, THEN ON TRACK 343.98. EXPECT RADAR VECTORS FOR RNAV OR ILS APPROACH.

LANDING RWY 34L/C/R: FROM LIINE ON TRACK 027.33/5.29 TO CROSS FOOTT BETWEEN 10000 AND 12000 AND AT 250 KIAS, THEN ON TRACK 029.86/6.40 TO CROSS GOALZ AT OR ABOVE 9000 AND AT 230 KIAS, THEN ON TRACK 013.98/9.80 TO CROSS SONDR AT 6000 AND AT 230 KIAS. EXPECT RNAV OR ILS APPROACH.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL INTERCEPTING 280 KIAS. MAINTAIN 280 KIAS UNTIL SLOWED BY THE STAR.

NOTE: FOR NON-RNP AIRCRAFT LANDING RWYS 16L/C/R, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE PRIOR TO VASHN.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT AAYRR: HOLD SW, LT, 059.12 INBOUND, 10 NM LEGS.

CHART HOLDING AT BLYTZ: HOLD SE, LT, 319.96 INBOUND, 10 NM LEGS.

CHART HOLDING AT ESLEY: HOLD SE, RT, 319.41 INBOUND, 10 NM LEGS.

CHART HOLDING AT GRIFY: HOLD NW, RT, 138.00 INBOUND, 5 NM LEGS.

CHART HOLDING AT HAWKZ: HOLD S, LT, 342.58 INBOUND, 10 NM LEGS.

CHART HOLDING AT KNGDM: HOLD SE, LT, 334.45 INBOUND, 10 NM LEGS.

CHART HOLDING AT WRUSL: HOLD SE, LT, 334.26 INBOUND, 10 NM LEGS.

CHART HOLDING AT BTG VORTAC: HOLD S, RT, 343.00 INBOUND, 10 NM LEGS.

CHART HOLDING AT LKV VORTAC: HOLD SE, LT, 319.96 INBOUND, 10 NM LEGS.

CHART HOLDING AT LMT VORTAC: HOLD SE, LT, 334.45 INBOUND, 10 NM LEGS.

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HAWKZ (RNAV)	EIGHT	HAWKZ.HAWKZ8	SEVEN	09/13/2018	

COMMUNICATIONS:

CHART: SEATTLE APP CON.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSEA	SEATTLE	WA

LOST COMMUNICATIONS PREFERENCES:

LANDING RWY 16: AT VASHN, PROCEED TO GRIFY AND THEN ON THE ILS RWY 16R APPROACH.

LANDING RWY 34: AT SONDR, PROCEED ON THE ILS RWY 34L APPROACH.

REMARKS:

DO NOT CHART MOCA: FROM BLYTZ TO ESLEY; VALUES WITHIN 500 FT.

MEA FROM LKV VORTAC-BLYTZ AT FL230 AND LMT VORTAC-KNGDM AT FL200 LOWEST PER DME/DME ASSESMENT.

HOLDING AT GRIFY FOR LOST COMM ONLY.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

MAG VAR: KSEA 16E/2020

CHART AT SONDR TERMINUS: KSEA LDG RWY 34L/C/R

CHART AT VASHN TERMINUS: KSEA LDG RWY 16L/C/R

FLIGHT INSPECTED BY:

JEFFREY A FINDLEY

ORGANIZATION:

FPO

DATE:

05/30/2024

Flight Inspected Signature:

Digitally signed by

ERIC N SUSKI

Apr 29, 2024

Digitally signed by

RICHARD E. CHRISTENSEN

Mar 26, 2024

Digitally signed by

BEV L BORDY

May 17, 2024

DEVELOPED BY:

RICHARD E. CHRISTENSEN

AJV-A431

01/03/24

Developed By Signature:

APPROVED BY:

ERIC SUSKI

AJV-A431

Approved By Signature:

CHANGES:

1. CHANGED CROSSING RESTRICTION AT GOALZ FROM AT/ABOVE 8000 TO AT/ABOVE 9000 AND AT 230 KIAS.
2. ADDED BLYTZ ENROUTE TRANSITION.
3. ADDED KNGDM ENROUTE TRANSITION.
4. MEA BLYTZ TO ESLEY LOWERED FROM FL240 TO 13000.
5. MEA ESLEY TO BTG LOWERED FROM FL240 TO 13000.
6. MEA KNGDM TO WRUSL LOWERED FROM FL240 TO 14000.

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7. MEA WRUSL TO BTG LOWERED FROM FL240 TO 12000.
8. MEA LMT TO KNGDM LOWERED FROM FL240 TO FL200.
9. AMENDED ALL MOCAS.
10. LANDING RWY 16L/C/R ROUTE: CHANGED "EXPECT RADAR VECTORS TO RNAV (RNP)/ILS/VISUAL APPROCH AS ASSIGNED BY ATC" TO "EXPECT RADAR VECTORS TO RNAV OR ILS APPROACH".
11. LANDING RWY 34L/C/R ROUTE: CHANGED "EXPECT RNAV (RNP)/ILS/VISUAL APPROACH AS ASSIGNED BY ATC" TO "EXPECT RNAV OR ILS APPROACH".
12. PROCEDURAL DATA NOTES: CHANGED TURBOJET TO JET.
13. FIXES AND/OR HOLDING PATTERNS: ADDED CHART HOLDING AT GRIFY.
14. AIRPORTS SERVED: REMOVED AIRPORT NAME.
15. LOST COMM: LANDING RWY 34 CHANGED "EXECUTE" TO "PROCEED ON THE" AND LANDING RWY 16 FROM "EXECUTE" TO "AND THEN ON".
16. REMARKS: ADDED DO NOT CHART MOCA: BLYTZ TO ESLEY.
17. REMARKS: ADDED MEA FROM LKV VORTAC-BLYTZ AT FL230 AND LMT VORTAC-KNGDM AT FL200 LOWEST PER DME/DME ASSESMENT.
18. ADDED HOLDING AT GRIFY ALONG WITH REMARKS FOR LOST COMM ONLY.
19. ADDED CHART AT SONDR TERMINUS: KSEA LDG RWY 34L/C/R AND CHART AT VASHN TERMINUS: KSEA LDG RWY 16L/C/R TO ADDITIONAL FLIGHT DATA.
20. REMOVED SEATTLE-TACOMA ATIS FROM COMMUNICATIONS.
21. ADDED RNAV 1 - DME/DME/IRU OR GPS TO PBN REQUIREMENT NOTES.
22. REMOVED RECOMMENDED NAVAID FROM 17.2.

REASONS:

1. ATC REQUEST TO FACILITATE SEQUENCING TO FINAL AND NEW RESTRICTION AT GOALZ.
- 2-3. FACILITATES COMPLIANCE WITH DATACOM.
- 4-8. UPDATED DME/DME/IRU ASSESSMENT.
9. NEW OBSTACLE EVALUATION RESULTS.
- 10-11. RNP NOT NEEDED, VISUAL IS NOT AN INSTRUMENT PROCEDURE, AND PER AFS GUIDANCE.
12. IAW 8260.19I 4-5-12D(4).
13. GRIFY PART OF LOST COMM PROCEDURE/IAW 8260.19I 4-5-12E AND ATC REQUESTED HOLDING DUE TO TURN GREATER THAN 90 DEGREES FOR LOST COMM.
14. IAW 8260.19I 4-5-12G.
15. PER AFS GUIDANCE.
16. MOCA VALUES WITHIN 500 FT IAW AFS STAR MEMO DATED 01 JUL 2021.
17. IAW 8260.19I 4-5-12B(7).
18. ATC REQUESTED HOLDING PATTERN AT GRIFY FOR LOST COMM ONLY.
19. IAW 8260.19I 4-5-2H(2).
20. IAW 8260.19I 4-5-2F/AUTOCHARTED.
21. IAW 8260.19I 4-5-2D NOTE.
22. TO SUPPORT CODING OF STAR IAW 8260.19 CHANGE I.

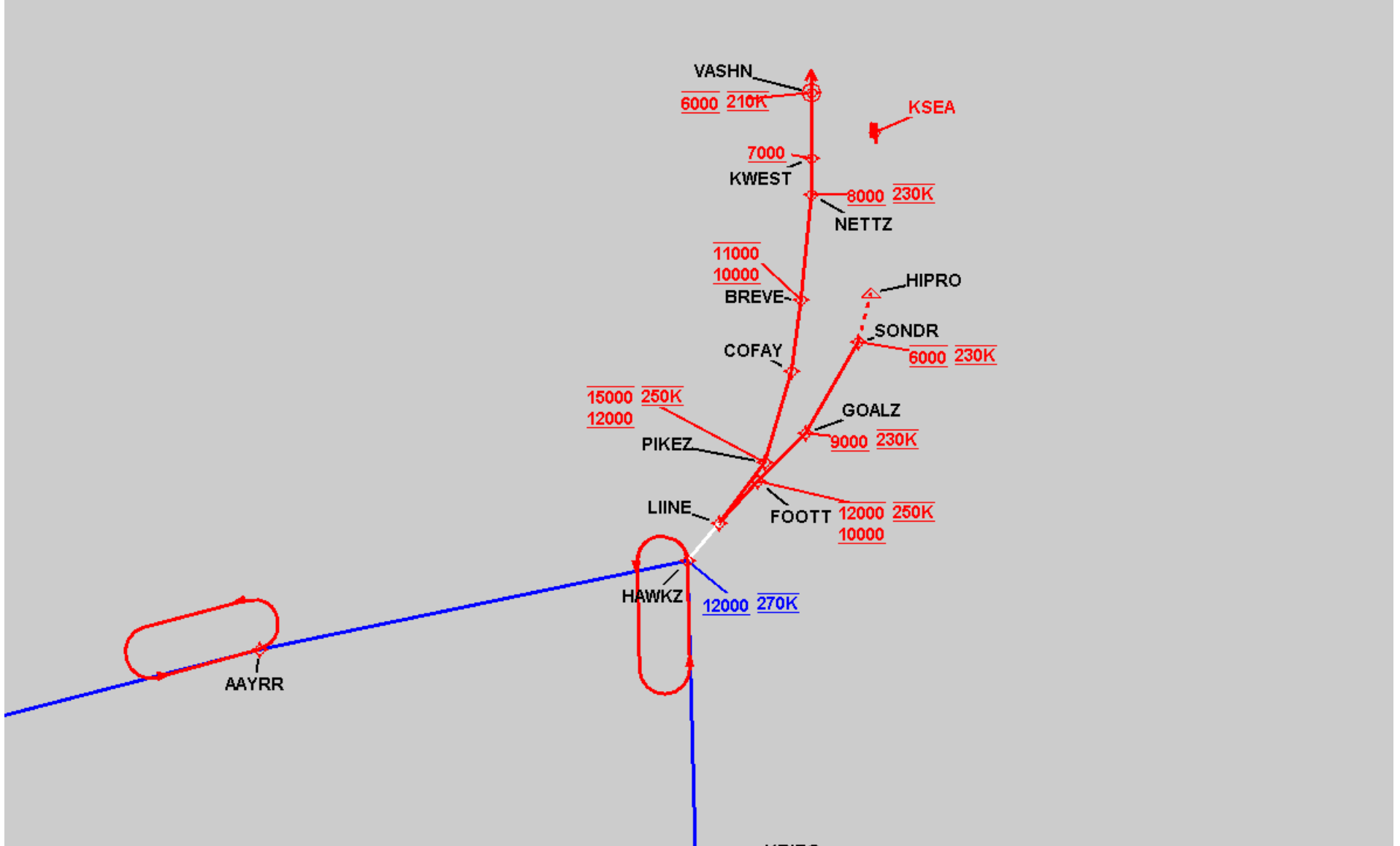
5/14/24: THIS IS AN UPDATTED COPY OF THE FORM DEVELOPED ON 1/3/24.

1. ARRIVAL ROUTE DESCRIPTION: LANDING RWY 16L/C/R: ADDED SPEED RESTRICTION AT BREVE AT 250 KIAS.

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HAWKZ (RNAV)	EIGHT	HAWKZ.HAWKZ8	SEVEN	09/13/2018	
Graphic Depiction 1					

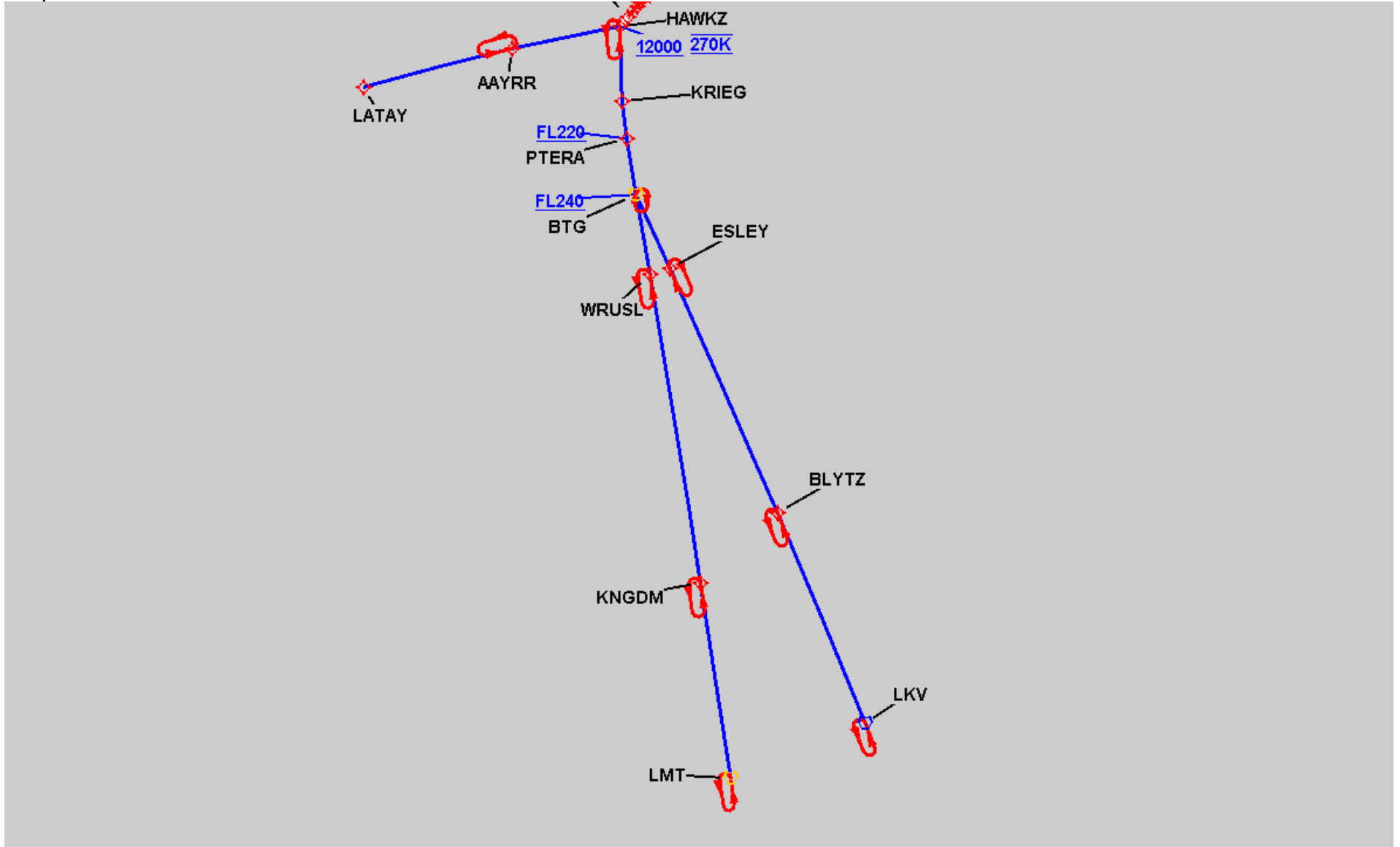


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Graphic Depiction 2



FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)

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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>
En Route Transition									
BLYTZ	434702.94N / 1211813.83W	Y		IF					BLYTZ.HAWKZ8
ESLEY	451746.26N / 1221711.93W	Y	FB	TF	335.41	100.05			
BTG VORTAC	454452.12N / 1223529.53W	Y	FB	TF	334.72	30.00	AT/ABOVE FL240		
PTERA	460539.52N / 1224038.89W	Y	FB	TF	350.21	21.10	AT/ABOVE FL220		
KRIEG	461912.75N / 1224319.94W	Y	FB	TF	352.19	13.69			
HAWKZ	464704.93N / 1224420.29W	Y	FB	TF	358.58	27.89	AT/ABOVE 12000	AT 270K	
En Route Transition									
BTG VORTAC	454452.12N / 1223529.53W	Y		IF			AT/ABOVE FL240		BTG.HAWKZ8
PTERA	460539.52N / 1224038.89W	Y	FB	TF	350.21	21.10	AT/ABOVE FL220		
KRIEG	461912.75N / 1224319.94W	Y	FB	TF	352.19	13.69			
HAWKZ	464704.93N / 1224420.29W	Y	FB	TF	358.58	27.89	AT/ABOVE 12000	AT 270K	
En Route Transition									
KNGDM	432110.65N / 1220015.30W	Y		IF					KNGDM.HAWKZ8
WRUSL	451520.40N / 1222800.37W	Y	FB	TF	350.26	115.89			
BTG VORTAC	454452.12N / 1223529.53W	Y	FB	TF	349.94	30.00	AT/ABOVE FL240		
PTERA	460539.52N / 1224038.89W	Y	FB	TF	350.21	21.10	AT/ABOVE FL220		
KRIEG	461912.75N / 1224319.94W	Y	FB	TF	352.19	13.69			
HAWKZ	464704.93N / 1224420.29W	Y	FB	TF	358.58	27.89	AT/ABOVE 12000	AT 270K	
En Route Transition									
KRIEG	461912.75N / 1224319.94W	Y		IF					KRIEG.HAWKZ8
HAWKZ	464704.93N / 1224420.29W	Y	FB	TF	358.58	27.89	AT/ABOVE 12000	AT 270K	



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STAR (DATA RECORD)**

Arrival Name HAWKZ (RNAV)	Number EIGHT		STAR Computer Code HAWKZ.HAWKZ8		Superseded Number SEVEN		Dated 09/13/2018		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									
LATAY	462428.28N / 1250418.52W	Y		IF					LATAY.HAWKZ8
AAYRR	463848.55N / 1234320.60W	Y	FB	TF	075.12	57.71			
HAWKZ	464704.93N / 1224420.29W	Y	FB	TF	078.12	41.43	AT/ABOVE 12000	AT 270K	
En Route Transition									
LKV VORTAC	422934.24N / 1203025.58W	Y		IF					LKV.HAWKZ8
BLYTZ	434702.94N / 1211813.83W	Y	FB	TF	335.96	85.00			
ESLEY	451746.26N / 1221711.93W	Y	FB	TF	335.41	100.05			
BTG VORTAC	454452.12N / 1223529.53W	Y	FB	TF	334.72	30.00	AT/ABOVE FL240		
PTERA	460539.52N / 1224038.89W	Y	FB	TF	350.21	21.10	AT/ABOVE FL220		
KRIEG	461912.75N / 1224319.94W	Y	FB	TF	352.19	13.69			
HAWKZ	464704.93N / 1224420.29W	Y	FB	TF	358.58	27.89	AT/ABOVE 12000	AT 270K	
En Route Transition									
LMT VORTAC	420911.31N / 1214339.10W	Y		IF					LMT.HAWKZ8
KNGDM	432110.65N / 1220015.30W	Y	FB	TF	350.45	73.00			
WRUSL	451520.40N / 1222800.37W	Y	FB	TF	350.26	115.89			
BTG VORTAC	454452.12N / 1223529.53W	Y	FB	TF	349.94	30.00	AT/ABOVE FL240		
PTERA	460539.52N / 1224038.89W	Y	FB	TF	350.21	21.10	AT/ABOVE FL220		
KRIEG	461912.75N / 1224319.94W	Y	FB	TF	352.19	13.69			
HAWKZ	464704.93N / 1224420.29W	Y	FB	TF	358.58	27.89	AT/ABOVE 12000	AT 270K	
Common Route									
HAWKZ	464704.93N / 1224420.29W	Y		IF			AT/ABOVE 12000	AT 270K	HAWKZ.HAWKZ8
LIINE	465039.19N / 1224006.62W	Y	FB	TF	039.08	04.60			
Runway Transition									
LIINE	465039.19N / 1224006.62W	Y		IF					
PIKEZ	465615.94N / 1223343.27W	Y	FB	TF	037.93	07.12	12000B15000	AT 250K	

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STAR (DATA RECORD)

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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>
COFAY	470443.83N / 1223001.57W	Y	FB	TF	016.60	08.84			
BREVE	471123.74N / 1222848.46W	Y	FB	TF	007.10	06.72	10000B11000	AT 250K	
NETTZ	472109.00N / 1222719.00W	Y	FB	TF	005.93	09.81	AT/ABOVE 8000	AT 230K	
KWEST	472432.89N / 1222719.14W	Y	FB	TF	359.97	03.40	AT/ABOVE 7000		
VASHN	473041.41N / 1222719.32W	Y	FO	TF	359.98	06.15	AT 6000	AT 210K	
KSEA:RWY 16C,RWY 16L,RWY 16R				FM	359.98				
Runway Transition									
LIINE	465039.19N / 1224006.62W	Y		IF					
FOOTT	465429.83N / 1223448.93W	Y	FB	TF	043.33	05.29	10000B12000	AT 250K	
GOALZ	465856.84N / 1222806.60W	Y	FB	TF	045.86	06.40	AT/ABOVE 9000	AT 230K	
SONDR	470725.69N / 1222056.30W	Y	FB	TF	029.98	09.80	AT 6000	AT 230K	
KSEA:RWY 34C,RWY 34L,RWY 34R									