


Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: IAP	Date Open: 09/24/2015	Task #: 2015060212135109001	Request #: 20150602121351
Procedure: RNAV (RNP) Z RWY 21 AMDT 1B			Airport ID: KGEK	Airport: SPOKANE INTL		Reimbursable #: NO
City: SPOKANE	ST: WA	GPS #:	Estimated Chart Date: 11/08/2018		FICO #:	
Fac ID: N/A		Fac. Type:		Specialist: JAMES LAFFERTY		
Procedure Review						
	Rec'd	Rel'd	Full Name	Comments		
Lead:	03/09/2018	06/13/2018	DAVID TEFFETELLER	 <i>Digitally signed by</i>		
QA:	06/13/2018			DAVID W SAUER		
Liaison:				Oct 05, 2018		
Procedure Comments:			ENROUTE-NON	Remark Type: INFORMATION		
PENDING DATA USED IN PROCEDURE DEVELOPMENT ASSIGNED MAG VAR, KGEK AIRPORT: OLD 18E-NEW 14E. CONTACT DAVE TEFFETELLER (MANAGER) 202-267-5177						

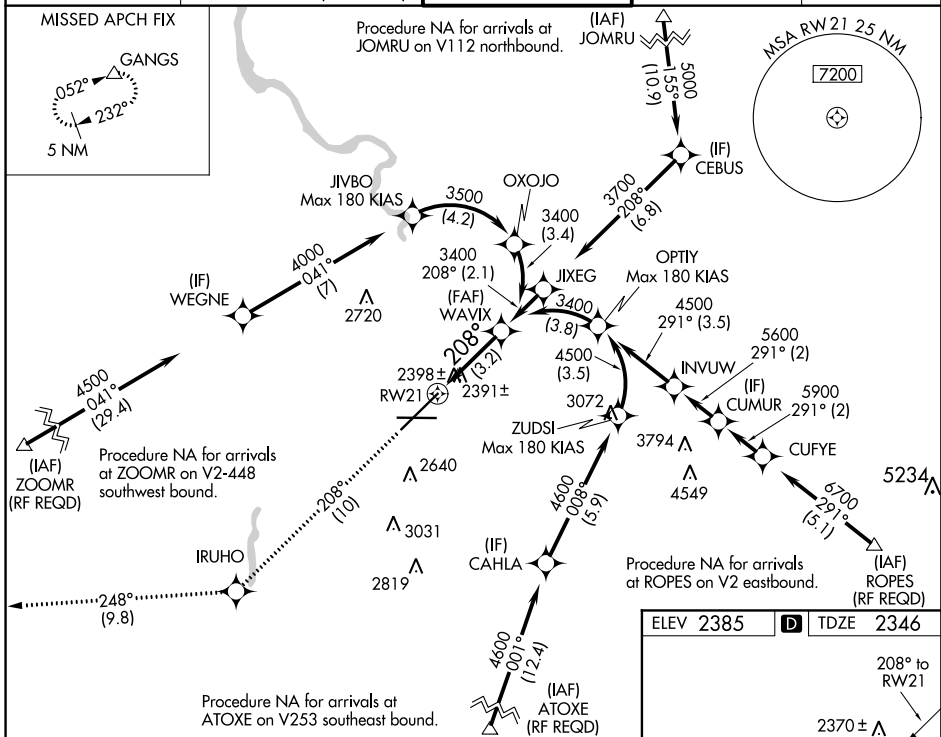
QUALITY
 15
 CHECKED

RNAV (RNP) Z RWY 21
SPOKANE INTL (GEG)

APP CRS 208°	Rwy Idg 11002
	TDZE 2346
	Apt Elev 2385

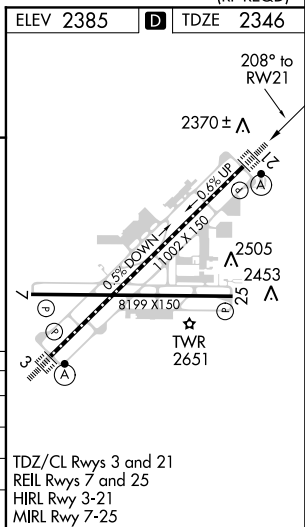
<p>GPS required. For uncompensated Baro-VNAV systems, procedure NA below -19°C (-3°F) or above 43°C (109°F). For inoperative ALSF-2 increase RNP 0.11 visibility all Cats to ¾, RNP 0.15 visibility all Cats to 1½, and RNP 0.30 visibility all Cats to 1¾.</p> <p>*Missed approach requires minimum climb of 310 feet per NM to 3000.</p>	<p>ALSF-2</p> <p>(A)</p>	<p>MISSED APPROACH: Climb to 5000 on track 208° to IRUHO and on track 248° to GANGS and hold.</p>
--	--------------------------	---

ATIS 124.325 254.375	SPOKANE APP CON 123.75 282.25 (205°-025°) 133.35 263.0 (026°-204°)	SPOKANE TOWER 118.3 278.3	GND CON 121.9 348.6	CLNC DEL 127.55
--------------------------------	--	-------------------------------------	-------------------------------	---------------------------



5000	IRUHO	GANGS	VGSJ and RNAV glidepath not coincident (VGSJ Angle 3.00°/TCH 73).	WAVIX
↑	tr 208°	tr 248°		3400
See planview for multiple IF locations.				
RW21				
GP 3.00° TCH 55				
3.2 NM				
CATEGORY	A	B	C	D
RNP 0.11 DA		*2596/24	250 (300-½)	
RNP 0.15 DA		2699/30	353 (400-¾)	
RNP 0.30 DA		2752/45	406 (400-¾)	

AUTHORIZATION REQUIRED



TDZ/CL Rwy 3 and 21
REIL Rwy 7 and 25
HIRL Rwy 3-21
MIRL Rwy 7-25

TERMINAL AIRSPACE DATA REQUIREMENTS

City: SPOKANE Airport Name: SPOKANE INTL Procedure: RNAV (RNP) Z RWY 21 Docket #:	State: WA ID: KGEG Amendment: AMDT 1B																																																												
ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.																																																													
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">1.</td> <td style="width: 30%;">Distance from</td> <td style="width: 15%;">THLD</td> <td style="width: 30%;">to 1000' point</td> <td style="width: 20%; text-align: right;">2.90</td> </tr> <tr> <td>2.</td> <td>Width of</td> <td>FINAL</td> <td>segment at 1000' point</td> <td style="text-align: right;">1.20</td> </tr> <tr> <td>3.</td> <td>True Course of</td> <td>FINAL</td> <td>segment containing 1000' point</td> <td style="text-align: right;">225.51</td> </tr> <tr> <td>4.</td> <td>High Terrain in</td> <td>FINAL</td> <td>segment containing 1000' point</td> <td style="text-align: right;">2339</td> </tr> <tr> <td>5.</td> <td>Distance from</td> <td>THLD</td> <td>to 1500' point</td> <td style="text-align: right;">10.32</td> </tr> <tr> <td>6.</td> <td>Width of</td> <td>INTERMEDIATE</td> <td>segment at 1500' point</td> <td style="text-align: right;">4.00</td> </tr> <tr> <td>7.</td> <td>True Course of</td> <td>INTERMEDIATE</td> <td>segment containing 1500' point</td> <td style="text-align: right;">211.58</td> </tr> <tr> <td>8.</td> <td>High Terrain in</td> <td>INTERMEDIATE</td> <td>segment containing 1500' point</td> <td style="text-align: right;">2605</td> </tr> <tr> <td>9.</td> <td colspan="3">Threshold Coordinates (if straight-in)</td> <td style="text-align: right;">47 37 52.38 N / 117 31 05.76 W</td> </tr> <tr> <td>10.</td> <td colspan="3">ARP Coordinates</td> <td style="text-align: right;">47 37 08.50 N / 117 32 06.80 W</td> </tr> <tr> <td>11.</td> <td colspan="4">Runway Approach End and distance furthest from MAP: Runway 21 Distance 0.93 NM</td> </tr> <tr> <td>12.</td> <td colspan="3">FAF Coordinates</td> <td style="text-align: right;">47 40 07.29 N / 117 27 42.39 W</td> </tr> </table>		1.	Distance from	THLD	to 1000' point	2.90	2.	Width of	FINAL	segment at 1000' point	1.20	3.	True Course of	FINAL	segment containing 1000' point	225.51	4.	High Terrain in	FINAL	segment containing 1000' point	2339	5.	Distance from	THLD	to 1500' point	10.32	6.	Width of	INTERMEDIATE	segment at 1500' point	4.00	7.	True Course of	INTERMEDIATE	segment containing 1500' point	211.58	8.	High Terrain in	INTERMEDIATE	segment containing 1500' point	2605	9.	Threshold Coordinates (if straight-in)			47 37 52.38 N / 117 31 05.76 W	10.	ARP Coordinates			47 37 08.50 N / 117 32 06.80 W	11.	Runway Approach End and distance furthest from MAP: Runway 21 Distance 0.93 NM				12.	FAF Coordinates			47 40 07.29 N / 117 27 42.39 W
1.	Distance from	THLD	to 1000' point	2.90																																																									
2.	Width of	FINAL	segment at 1000' point	1.20																																																									
3.	True Course of	FINAL	segment containing 1000' point	225.51																																																									
4.	High Terrain in	FINAL	segment containing 1000' point	2339																																																									
5.	Distance from	THLD	to 1500' point	10.32																																																									
6.	Width of	INTERMEDIATE	segment at 1500' point	4.00																																																									
7.	True Course of	INTERMEDIATE	segment containing 1500' point	211.58																																																									
8.	High Terrain in	INTERMEDIATE	segment containing 1500' point	2605																																																									
9.	Threshold Coordinates (if straight-in)			47 37 52.38 N / 117 31 05.76 W																																																									
10.	ARP Coordinates			47 37 08.50 N / 117 32 06.80 W																																																									
11.	Runway Approach End and distance furthest from MAP: Runway 21 Distance 0.93 NM																																																												
12.	FAF Coordinates			47 40 07.29 N / 117 27 42.39 W																																																									
Remarks: NO ADDITIONAL AIRSPACE REQUIRED. THIS IS AIRSPACE FORM 1 OF 4. IF CEBUS: 47 46 20.98 N / 117 18 16.67 W																																																													

TERMINAL AIRSPACE DATA REQUIREMENTS

City: SPOKANE Airport Name: SPOKANE INTL Procedure: RNAV (RNP) Z RWY 21 Docket #:	State: WA ID: KGEG Amendment: AMDT 1B
ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.	
1. Distance from 2. Width of 3. True Course of 4. High Terrain in 5. Distance from 6. Width of 7. True Course of 8. High Terrain in 9. Threshold Coordinates (if straight-in) 10. ARP Coordinates 11. Runway Approach End and distance furthest from MAP: Runway 21 Distance 0.93 NM 12. FAF Coordinates	THLD to 1000' point 2.90 FINAL segment at 1000' point 1.20 FINAL segment containing 1000' point 225.51 FINAL segment containing 1000' point 2339 THLD to 1500' point 16.36 INTERMEDIATE segment at 1500' point 4.00 INTERMEDIATE* segment containing 1500' point INTERMEDIATE segment containing 1500' point 3074 47 37 52.38 N / 117 31 05.76 W 47 37 08.50 N / 117 32 06.80 W 47 40 07.29 N / 117 27 42.39 W
Remarks: NO ADDITIONAL AIRSPACE REQUIRED. *JILAD & ZUDSI @ RF INTERMEDIATE SEGMENT FROM ZUDSI 473707.07N/1172133.95W TO OPTIY 474017.88N/1172237.03W. RADIUS FIX TURN CENTER POINT CNF (CFDWW) 473815.96N/1172500.85W, ARC RADIUS 2.60 NM. RF INTERMEDIATE SEGMENT FROM OPTIY 474017.88N/1172237.03W TO WAVIX 474007.28N/1172742.40W. RADIUS FIX TURN CENTER POINT CNF (CFDWW) 473815.96N/1172500.85W, ARC RADIUS 2.60 NM. THIS IS AIRSPACE FORM 2 OF 4.	

TERMINAL AIRSPACE DATA REQUIREMENTS

City: SPOKANE Airport Name: SPOKANE INTL Procedure: RNAV (RNP) Z RWY 21 Docket #:	State: WA ID: KGEG Amendment: AMDT 1B
ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.	
1. Distance from 2. Width of 3. True Course of 4. High Terrain in 5. Distance from 6. Width of 7. True Course of 8. High Terrain in 9. Threshold Coordinates (if straight-in) 10. ARP Coordinates 11. Runway Approach End and distance furthest from MAP: Runway 21 Distance 0.93 NM 12. FAF Coordinates	THLD to 1000' point FINAL segment at 1000' point FINAL segment containing 1000' point FINAL segment containing 1000' point THLD to 1500' point INTERMEDIATE segment at 1500' point INTERMEDIATE* segment containing 1500' point INTERMEDIATE segment containing 1500' point 47 37 52.38 N / 117 31 05.76 W 47 37 08.50 N / 117 32 06.80 W 47 40 07.29 N / 117 27 42.39 W
Remarks: NO ADDITIONAL AIRSPACE REQUIRED. CUMUR & INVUW & OPTIY @ RF INTERMEDIATE SEGMENT FROM OPTIY 474017.88N/1172237.03W TO WAAVIX 474007.28N/1172742.40W. RADIUS FIX TURN CENTER POINT CNF (CFDWW) 473815. 96N/1172500.85W, ARC RADIUS 2.60 NM. THIS IS AIRSPACE FORM 3 OF 4.	

TERMINAL AIRSPACE DATA REQUIREMENTS

City: SPOKANE Airport Name: SPOKANE INTL Procedure: RNAV (RNP) Z RWY 21 Docket #:	State: WA ID: KGEG Amendment: AMDT 1B																																																												
ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.																																																													
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">1.</td> <td style="width: 30%;">Distance from</td> <td style="width: 15%;">THLD</td> <td style="width: 30%;">to 1000' point</td> <td style="width: 15%; text-align: right;">2.90</td> </tr> <tr> <td>2.</td> <td>Width of</td> <td>FINAL</td> <td>segment at 1000' point</td> <td style="text-align: right;">1.20</td> </tr> <tr> <td>3.</td> <td>True Course of</td> <td>FINAL</td> <td>segment containing 1000' point</td> <td style="text-align: right;">225.51</td> </tr> <tr> <td>4.</td> <td>High Terrain in</td> <td>FINAL</td> <td>segment containing 1000' point</td> <td style="text-align: right;">2339</td> </tr> <tr> <td>5.</td> <td>Distance from</td> <td>THLD</td> <td>to 1500' point</td> <td style="text-align: right;">16.77</td> </tr> <tr> <td>6.</td> <td>Width of</td> <td>INTERMEDIATE</td> <td>segment at 1500' point</td> <td style="text-align: right;">4.00</td> </tr> <tr> <td>7.</td> <td>True Course of</td> <td>INTERMEDIATE*</td> <td>segment containing 1500' point</td> <td></td> </tr> <tr> <td>8.</td> <td>High Terrain in</td> <td>INTERMEDIATE</td> <td>segment containing 1500' point</td> <td style="text-align: right;">2497</td> </tr> <tr> <td>9.</td> <td colspan="2">Threshold Coordinates (if straight-in)</td> <td style="text-align: center;">47 37 52.38 N / 117 31 05.76 W</td> <td></td> </tr> <tr> <td>10.</td> <td colspan="2">ARP Coordinates</td> <td style="text-align: center;">47 37 08.50 N / 117 32 06.80 W</td> <td></td> </tr> <tr> <td>11.</td> <td colspan="4">Runway Approach End and distance furthest from MAP: Runway 21 Distance 0.93 NM</td> </tr> <tr> <td>12.</td> <td colspan="2">FAF Coordinates</td> <td style="text-align: center;">47 40 07.29 N / 117 27 42.39 W</td> <td></td> </tr> </table>		1.	Distance from	THLD	to 1000' point	2.90	2.	Width of	FINAL	segment at 1000' point	1.20	3.	True Course of	FINAL	segment containing 1000' point	225.51	4.	High Terrain in	FINAL	segment containing 1000' point	2339	5.	Distance from	THLD	to 1500' point	16.77	6.	Width of	INTERMEDIATE	segment at 1500' point	4.00	7.	True Course of	INTERMEDIATE*	segment containing 1500' point		8.	High Terrain in	INTERMEDIATE	segment containing 1500' point	2497	9.	Threshold Coordinates (if straight-in)		47 37 52.38 N / 117 31 05.76 W		10.	ARP Coordinates		47 37 08.50 N / 117 32 06.80 W		11.	Runway Approach End and distance furthest from MAP: Runway 21 Distance 0.93 NM				12.	FAF Coordinates		47 40 07.29 N / 117 27 42.39 W	
1.	Distance from	THLD	to 1000' point	2.90																																																									
2.	Width of	FINAL	segment at 1000' point	1.20																																																									
3.	True Course of	FINAL	segment containing 1000' point	225.51																																																									
4.	High Terrain in	FINAL	segment containing 1000' point	2339																																																									
5.	Distance from	THLD	to 1500' point	16.77																																																									
6.	Width of	INTERMEDIATE	segment at 1500' point	4.00																																																									
7.	True Course of	INTERMEDIATE*	segment containing 1500' point																																																										
8.	High Terrain in	INTERMEDIATE	segment containing 1500' point	2497																																																									
9.	Threshold Coordinates (if straight-in)		47 37 52.38 N / 117 31 05.76 W																																																										
10.	ARP Coordinates		47 37 08.50 N / 117 32 06.80 W																																																										
11.	Runway Approach End and distance furthest from MAP: Runway 21 Distance 0.93 NM																																																												
12.	FAF Coordinates		47 40 07.29 N / 117 27 42.39 W																																																										
Remarks: NO ADDITIONAL AIRSPACE REQUIRED. WEGNE & JIVBO @ RF INTERMEDIATE SEGMENT FROM JIVBO 474412.71N/1173221.84W TO OXOJO 474312.27N/1172700.58W. RADIUS FIX TURN CENTER POINT CNF (CFDVZ) 474158.55N/1173024.12W, ARC RADIUS 2.60 NM. RF INTERMEDIATE SEGMENT FROM OXOJO 474312.27N/1172700.58W TO WAVIX 474007.28N/1172742.40W. RADIUS FIX TURN CENTER POINT CNF (CFDVZ) 474158.55N/1173024.12W, ARC RADIUS 2.60 NM. THIS IS AIRSPACE 4 OF 4.																																																													