

# REVISIONS TO IFR ALTITUDES § CHANGEOVER POINTS

## AMENDMENT 498

EFFECTIVE DATE February 09, 2012

### §95.10 AMBER FEDERAL AIRWAY A1

FROM	TO	MEA
<b>IS AMENDED TO READ IN PART</b> ORCA BAY, AK NDB *8300 - MOCA	CAMPBELL LAKE, AK NDB	*9000

### §95.3000 LOW ALTITUDE RNAV ROUTES

#### §95.3223 RNAV ROUTE T223

FROM	TO	MEA	MAA
<b>IS AMENDED TO READ IN PART</b> NONDA, AK FIX *10000 - MCA BLUGA, AK FIX , SW BND **11800 - MOCA BLUGA, AK FIX *7400 - MCA AMOTT, AK FIX , SW BND	*BLUGA, AK FIX  *AMOTT, AK FIX	**12400  3000	17500  17500
<b>IS AMENDED BY ADDING</b> AMOTT, AK FIX	ANCHORAGE, AK VOR/DME	3000	17500

#### §95.3227 RNAV ROUTE T227

FROM	TO	MEA	MAA
<b>IS AMENDED BY ADDING</b> BIG LAKE, AK VORTAC SURES, AK FIX *8600 - MOCA CAWIN, AK FIX LIBER, AK FIX *4800 - MCA GLOWS, AK FIX , S BND	SURES, AK FIX CAWIN, AK FIX  LIBER, AK FIX *GLOWS, AK FIX	7000 *9700  9000 7100	17500 17500  17500 17500
<b>IS AMENDED TO READ IN PART</b> CULTI, AK FIX *5600 - MOCA BATTY, AK FIX *5200 - MCA AMOTT, AK FIX , SW BND **12300 - MOCA AMOTT, AK FIX *2700 - MOCA GLOWS, AK FIX	BATTY, AK FIX  *AMOTT, AK FIX  BIG LAKE, AK VORTAC  FAIRBANKS, AK VORTAC	*6100  **13000  *3400  3400	17500  17500  17500  17500

**§95.3244 RNAV ROUTE T244**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>	<b>MAA</b>
<b>IS AMENDED TO READ IN PART</b>			
ANCHORAGE, AK VOR/DME	*CAKAD, AK FIX	3000	17500
*6400 - MCA CAKAD, AK FIX , NW BND			
CAKAD, AK FIX	CEXIX, AK FIX	6600	17500
CEXIX, AK FIX	*BETPE, AK FIX	10000	17500
*7800 - MCA BETPE, AK FIX , SE BND			
BETPE, AK FIX	CHEFF, AK FIX	6400	17500
CHEFF, AK FIX	CONFI, AK FIX	5300	17500

**§95.3246 RNAV ROUTE T246**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>	<b>MAA</b>
<b>IS AMENDED TO READ IN PART</b>			
MC GRATH, AK VORTAC	*WINOR, AK FIX	4900	17500
*7500 - MCA WINOR, AK FIX , SE BND			
WINOR, AK FIX	FFITZ, AK FIX	8200	17500
FFITZ, AK FIX	*FRIDA, AK FIX	8800	17500
*7600 - MCA FRIDA, AK FIX , NW BND			
FRIDA, AK FIX	*IVANN, AK FIX	6600	17500
*5900 - MCA IVANN, AK FIX , W BND			
IVANN, AK FIX	ANCHORAGE, AK VOR/DME	2200	17500

**§95.3269 RNAV ROUTE T269**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>	<b>MAA</b>
<b>IS AMENDED TO READ IN PART</b>			
JOHNSTONE POINT, AK VOR/DME	*FIMIB, AK FIX	3200	17500
*5400 - MCA FIMIB, AK FIX , W BND			
FIMIB, AK FIX	*ANCHORAGE, AK VOR/DME	8800	17500
*6300 - MCA ANCHORAGE, AK VOR/DME , E BND			
YONEK, AK FIX	*TORTE, AK FIX	5000	17500
*8400 - MC A TORTE, AK FIX , W BND			
TORTE, AK FIX	*VEILL, AK FIX	10600	17500
*8000 - MCA VEILL, AK FIX , E BND			
VEILL, AK FIX	SPARREVOHN, AK VOR/DME	6600	17500

**§95.4000 HIGH ALTITUDE RNAV ROUTES**

**§95.4043 RNAV ROUTE Q43**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>	<b>MAA</b>
<b>IS AMENDED TO READ IN PART</b>			
ANCHORAGE, AK VOR/DME	BIG LAKE, AK VORTAC	18000	45000
BIG LAKE, AK VORTAC	FAIRBANKS, AK VORTAC	18000	45000

**§95.4045 RNAV ROUTE Q45**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>	<b>MAA</b>
<b>IS AMENDED TO READ IN PART</b>			
DILLINGHAM, AK VOR/DME	NONDA, AK FIX	18000	45000
NONDA, AK FIX	AMOTT, AK FIX	18000	45000

**§95.5000 GROUND-BASED HIGH ALTITUDE RNAV ROUTES**

<b>FROM/TO</b>	<b>TOTAL DISTANCE</b>	<b>CHANGEOVER DISTANCE</b>	<b>POINT FROM</b>	<b>TRACK ANGLE</b>	<b>MEA</b>	<b>MAA</b>
<b>J804R</b>						
<b>IS AMENDED TO READ IN PART</b>						
ANCHORAGE, AK VOR/DME	60.0				18000	45000
NOWEL, AK				133/314 TO NOWEL		
NOWEL, AK	90.5				18000	45000
MIDDLETON ISLAND, AK VOR/DME				134/316 TO MIDDLETON ISLAND		
<b>J889R</b>						
<b>IS AMENDED TO READ IN PART</b>						
NOWEL, AK	75.0	10.0	NOWEL	112/294 TO COP	18000	45000
ARISE, AK				112/294 TO ARISE		
ARISE, AK	71.0			112/293 TO KONKS	18000	45000
KONKS, AK						
KONKS, AK	116.0	40.0	KONKS	111/294 TO COP	18000	45000
LAIRE, AK				294/114 TO LAIRE		

**§95.6001 VICTOR ROUTES-U.S.**

**§95.6003 VOR FEDERAL AIRWAY V3**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
BANGOR, ME VORTAC *2300 - MOCA	HOULTON, ME VOR/DME	*2800

**§95.6134 VOR FEDERAL AIRWAY V134**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
GRAND JUNCTION, CO VOR/DME *13000 - MRA	*PACES, CO FIX	11500
*PACES, CO FIX *13000 - MRA	#SLOLM, CO FIX	13000
#MTA V134 NE TO V220 NW 12900		
SLOLM, CO FIX *16000 - MRA	*GLENO, CO FIX	14000
*GLENO, CO FIX *16000 - MRA	RED TABLE, CO VOR/DME	14000

**§95.6159 VOR FEDERAL AIRWAY V159**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
NITNY, FL FIX	JUPEM, FL FIX	3000
JUPEM, FL FIX	VERO BEACH, FL VORTAC	2600

**§95.6201 VOR FEDERAL AIRWAY V201**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
LOS ANGELES, CA VORTAC *7600 - MCA BERRI, CA FIX , N BND	*BERRI, CA FIX	5000
BERRI, CA FIX *8400 - MCA SOLED, CA FIX , S BND	*SOLED, CA FIX	8800
SOLED, CA FIX	PALMDALE, CA VORTAC	7500

**§95.6209 VOR FEDERAL AIRWAY V209**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
KEWANEE, MS VORTAC	BROOKWOOD, AL VORTAC	2400

**§95.6211 VOR FEDERAL AIRWAY V211**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
BRAZO, NM FIX	DURANGO, CO VOR/DME	11300
	W BND	13000
	E BND	13000
DURANGO, CO VOR/DME	CORTEZ, CO VOR/DME	11300

**§95.6220 VOR FEDERAL AIRWAY V220**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
GRAND JUNCTION, CO VOR/DME *13000 - MRA	*PACES, CO FIX	11500
*PACES, CO FIX *13000 - MRA #MTA V220 NE TO V220 NW 12900	#SLOLM, CO FIX	13000
SLOLM, CO FIX	RIFLE, CO VOR/DME	12400

**§95.6550 VOR FEDERAL AIRWAY V550**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
SAN ANTONIO, TX VORTAC	CENTEX, TX VORTAC	3300

**§95.6591 VOR FEDERAL AIRWAY V591**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
GRAND JUNCTION, CO VOR/DME *13000 - MRA	*PACES, CO FIX	11500
*PACES, CO FIX *13000 - MRA #MTA V591 NE TO V220 NW 12900	#SLOLM, CO FIX	13000
SLOLM, CO FIX *16000 - MRA	*GLENO, CO FIX	14000

**§95.6319 ALASKA VOR FEDERAL AIRWAY V319**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
JOHNSTONE POINT, AK VOR/DME E BND W BND	*EDELE, AK FIX	4400 10000
*6800 - MCA EDELE, AK FIX , W BND		
EDELE, AK FIX *10000 - MRA	*SNRIS, AK FIX	10000
SNRIS, AK FIX *6100 - MCA ANCHORAGE, AK VOR/DME , E BND	*ANCHORAGE, AK VOR/DME	8200
YONEK, AK FIX W BND E BND	*TORTE, AK FIX	12000 7000
*11400 - MCA TORTE, AK FIX , W BND		
TORTE, AK FIX *8000 - MCA VEILL, AK FIX , E BND	*VEILL, AK FIX	12000
VEILL, AK FIX E BND W BND	SPARREVOHN, AK VOR/DME	12000 6600

**§95.6320 ALASKA VOR FEDERAL AIRWAY V320**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED BY ADDING</b>		
MC GRATH, AK VORTAC E BND W BND	ERLAN, AK FIX	10000 5000
ERLAN, AK FIX E BND W BND	WINOR, AK FIX	10000 8000
WINOR, AK FIX *9500 - MRA *7600 - MCA FRIDA, AK FIX , W BND	*FRIDA, AK FIX	10000

FRIDA, AK FIX	RUNTL, AK FIX	8500
RUNTL, AK FIX	KAYTI, AK FIX	6400
KAYTI, AK FIX	*ANCHORAGE, AK VOR/DME	3700
*6000 - MCA ANCHORAGE, AK VOR/DME , SE BND		

**IS AMENDED TO READ IN PART**

ANCHORAGE, AK VOR/DME	HOPER, AK FIX	10000
	SE BND	6500
	NW BND	
HOPER, AK FIX	NELLI, AK FIX	10000
NELLI, AK FIX	KEBAB, AK FIX	10000
	NW BND	5000
	SE BND	

**§95.6388 ALASKA VOR FEDERAL AIRWAY V388**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
ANCHORAGE, AK VOR/DME	NAPTO, AK FIX	2300
NAPTO, AK FIX	KENAI, AK VOR/DME	2400

**§95.6435 ALASKA VOR FEDERAL AIRWAY V435**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
KASSI, AK FIX	KENAI, AK VOR/DME	*4400
	S BND	*2000
	N BND	

\*1700 - MOCA  
 \*2000 - GNSS MEA

**§95.6436 ALASKA VOR FEDERAL AIRWAY V436**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
ANCHORAGE, AK VOR/DME	TAGER, AK FIX	2200
TAGER, AK FIX	*TALKEETNA, AK VOR/DME	3000
*3800 - MCA TALKEETNA, AK VOR/DME , N BND		

**§95.6438 ALASKA VOR FEDERAL AIRWAY V438**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
HOMER, AK VOR/DME	SKILA, AK FIX	5000
SKILA, AK FIX	NAPTO, AK FIX	2400
NAPTO, AK FIX	ANCHORAGE, AK VOR/DME	2300
ANCHORAGE, AK VOR/DME	BIG LAKE, AK VORTAC	2000
BIG LAKE, AK VORTAC	*SURES, AK FIX	#7500
*10000 - MRA		
#MEA IS ESTABLISHED WITH A GAP IN NAVIGATION SIGNAL COVERAGE.		
*SURES, AK FIX	LIBER, AK FIX	**10000
*10000 - MRA		
**8900 - MOCA		
LIBER, AK FIX	*GLOWS, AK FIX	7500
*4800 - MCA GLOWS, AK FIX , S BND		
GLOWS, AK FIX	FAIRBANKS, AK VORTAC	3400

**§95.6440 ALASKA VOR FEDERAL AIRWAY V440**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
MC GRATH, AK VORTAC	ERLAN, AK FIX	
	E BND	10000
	W BND	5000
ERLAN, AK FIX	WINOR, AK FIX	
	E BND	10000
	W BND	8000
WINOR, AK FIX	*FRIDA, AK FIX	10000
*9500 - MRA		
*7600 - MCA FRIDA, AK FIX , W BND		
*FRIDA, AK FIX	**IVANN, AK FIX	6600
*9500 - MRA		
**5900 - MCA IVANN, AK FIX , W BND		
IVANN, AK FIX	*ANCHORAGE, AK VOR/DME	2200
*6000 - MCA ANCHORAGE, AK VOR/DME , SE BND		
ANCHORAGE, AK VOR/DME	HOPER, AK FIX	
	SE BND	10000
	NW BND	6500
HOPER, AK FIX	MODDS, AK FIX	10000
MODDS, AK FIX	MIDDLETON ISLAND, AK VOR/DME	
	SE BND	6000
	NW BND	10000

**§95.6441 ALASKA VOR FEDERAL AIRWAY V441**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
MIDDLETON ISLAND, AK VOR/DME	DEALS, AK FIX	6000
DEALS, AK FIX	*SEWAR, AK FIX	**9000
*10000 - MRA		
**8400 - MOCA		
SEWAR, AK FIX	BROIL, AK FIX	**10000
*7700 - MOCA		
*7700 - GNSS MEA		
BROIL, AK FIX	*HATUL, AK FIX	**7100
*5600 - MCA HATUL, AK FIX , SE BND		
HATUL, AK FIX	*ANCHORAGE, AK VOR/DME	4600
*4200 - MCA ANCHORAGE, AK VOR/DME, SE BND		

**§95.6456 ALASKA VOR FEDERAL AIRWAY V456**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
COLD BAY, AK VORTAC	BINAL, AK FIX	*4000
	SW BND	*14000
	NE BND	
*3400 - MOCA		
BINAL, AK FIX	TANIE, AK FIX	*14000
*3400 - MOCA		
TANIE, AK FIX	KING SALMON, AK VORTAC	**3000
*1600 - MOCA		
#MEA 14000 SW WHEN DLG FSS SHUT DOWN		
KING SALMON, AK VORTAC	STREW, AK FIX	*3000
	W BND	*9000
	E BND	
*2300 - MOCA		
STREW, AK FIX	BITOP, AK FIX	*9000
	E BND	*5000
	W BND	
*5000 - MOCA		
*5000 - GNSS MEA		
BITOP, AK FIX	*NOSKY, AK FIX	**9000
*8200 - MCA NOSKY, AK FIX , NE BND		
**5200 - MOCA		
**6000 - GNSS MEA		
BIG LAKE, AK VORTAC	MATTA, AK FIX	7000
MATTA, AK FIX	*UREKA, AK FIX	**10000
*7200 - MCA UREKA, AK FIX , SW BND		
**9400 - MOCA		
UREKA, AK FIX	SMOKY, AK FIX	*7000
	NE BND	*10000
	SW BND	
*6300 - MOCA		
*7000 - GNSS MEA		



SMOKY, AK FIX		GULKANA, AK VOR/DME	
	NE BND		*5000
	SW BND		*10000
*5000 - GNSS MEA			

**§95.6457 ALASKA VOR FEDERAL AIRWAY V457**

<b>FROM</b>		<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>			
ILIAMNA, AK NDB/DME		*AWOMY, AK FIX	
	W BND		5700
	E BND		9000
*7000 - MCA AWOMY, AK FIX , E BND			
AWOMY, AK FIX		*MOFOF, AK FIX	9000
*7000 - MCA MOFOF, AK FIX , W BND			
MOFOF, AK FIX		KENAI, AK VOR/DME	
	W BND		9000
	E BND		3000

**§95.6462 ALASKA VOR FEDERAL AIRWAY V462**

<b>FROM</b>		<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>			
NONDA, AK FIX		*BLUGA, AK FIX	**14000
*10000 - MCA BLUGA, AK FIX , SW BND			
**12400 - MOCA			
BLUGA, AK FIX		*AMOTT, AK FIX	7000
*7400 - MCA AMOTT, AK FIX , SW BND			
AMOTT, AK FIX		ANCHORAGE, AK VOR/DME	4000

**§95.6508 ALASKA VOR FEDERAL AIRWAY V508**

<b>FROM</b>		<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>			
MIDDLETON ISLAND, AK VOR/DME		DEALS, AK FIX	6000
DEALS, AK FIX		*SEWAR, AK FIX	**9000
*10000 - MRA			
**8400 - MOCA			
SEWAR, AK FIX		*SKILA, AK FIX	**9000
*5100 - MCA SKILA, AK FIX , E BND			
**7800 - MOCA			
**8000 - GNSS MEA			
SKILA, AK FIX		ROJAR, AK FIX	2400
ROJAR, AK FIX		KENAI, AK VOR/DME	2000
KENAI, AK VOR/DME		*NEARR, AK FIX	**3000
*7600 - MCA NEARR, AK FIX , W BND			
**2500 - MOCA			
NEARR, AK FIX		AKGAS, AK FIX	12000
AKGAS, AK FIX		SPARREVOHN, AK VOR/DME	6000

**§95.6510 ALASKA VOR FEDERAL AIRWAY V510**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>
<b>IS AMENDED TO READ IN PART</b>		
MC GRATH, AK VORTAC	ERLAN, AK FIX	10000
	E BND	5000
	W BND	
ERLAN, AK FIX	WINOR, AK FIX	10000
	E BND	8000
	W BND	10000
WINOR, AK FIX	FFITZ, AK FIX	
FFITZ, AK FIX	ROHHN, AK FIX	*10000
*8800 - MOCA		
*9000 - GNSS MEA		
ROHHN, AK FIX	BIG LAKE, AK VORTAC	*4000
*3400 - MOCA		

**§95.7001 JET ROUTES**

**§95.7115 JET ROUTE J115**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>	<b>MAA</b>
<b>IS AMENDED TO READ IN PART</b>			
ANCHORAGE, AK VOR/DME	BIG LAKE, AK VORTAC	18000	45000
BIG LAKE, AK VORTAC	FAIRBANKS, AK VORTAC	18000	45000

**§95.7124 JET ROUTE J124**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>	<b>MAA</b>
<b>IS AMENDED TO DELETE</b>			
ANCHORAGE, AK VOR/DME	BIG LAKE, AK VORTAC	18000	45000

**§95.7133 JET ROUTE J133**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>	<b>MAA</b>
<b>IS AMENDED TO READ IN PART</b>			
ANCHORAGE, AK VOR/DME	GALENA, AK VOR/DME	18000	45000

**§95.7511 JET ROUTE J511**

<b>FROM</b>	<b>TO</b>	<b>MEA</b>	<b>MAA</b>
<b>IS AMENDED TO READ IN PART</b>			
DILLINGHAM, AK VOR/DME	ANCHORAGE, AK VOR/DME	21000	45000
ANCHORAGE, AK VOR/DME	GULKANA, AK VOR/DME	18000	45000

**§95.8003 VOR FEDERAL AIRWAY CHANGEOVER POINTS**

**AIRWAY SEGMENT**

**CHANGEOVER POINTS**

<b>FROM</b>	<b>TO</b>	<b>DISTANCE</b>	<b>FROM</b>
	<b>V220</b>		
<b>IS AMENDED TO DELETE CHANGEOVER POINT</b>			
GRAND JUNCTION, CO VOR/DME JUNCTION #COP- THE COP IS AT THE SLOLM INT	RIFLE, CO VOR/DME	#56	GRAND
	<b>V591</b>		
<b>IS AMENDED TO MODIFY CHANGEOVER POINT</b>			
GRAND JUNCTION, CO VOR/DME JUNCTION #THE COP IS AT THE SLOLM INT	RED TABLE, CO VOR/DME	#56	GRAND
	<b>ALASKA V320</b>		
<b>IS AMENDED TO ADD CHANGEOVER POINT</b>			
MC GRATH, AK VORTAC	ANCHORAGE, AK VOR/DME	95	MC GRATH
	<b>ALASKA V438</b>		
<b>IS AMENDED TO ADD CHANGEOVER POINT</b>			
HOMER, AK VOR/DME	ANCHORAGE, AK VOR/DME	53	HOMER
	<b>ALASKA V440</b>		
<b>IS AMENDED TO ADD CHANGEOVER POINT</b>			
MC GRATH, AK VORTAC	ANCHORAGE, AK VOR/DME	95	MC GRATH
<b>IS AMENDED TO DELETE CHANGEOVER POINT</b>			
MIDDLETON ISLAND, AK VOR/DME ISLAND	ANCHORAGE, AK VOR/DME	95	MIDDLETON
	<b>ALASKA V441</b>		
<b>IS AMENDED TO MODIFY CHANGEOVER POINT</b>			
MIDDLETON ISLAND, AK VOR/DME ISLAND	KENAI, AK VOR/DME	85	MIDDLETON
	<b>ALASKA V508</b>		
<b>IS AMENDED TO ADD CHANGEOVER POINT</b>			
MIDDLETON ISLAND, AK VOR/DME ISLAND	KENAI, AK VOR/DME	85	MIDDLETON
KENAI, AK VOR/DME	SPARREVOHN, AK VOR/DME	67	KENAI

**§95.8005 JET ROUTES CHANGEOVER POINTS**

**AIRWAY SEGMENT**

**CHANGEOVER POINTS**

<b>FROM</b>	<b>TO</b>	<b>DISTANCE</b>	<b>FROM</b>
	<b>J125</b>		
<b>IS AMENDED TO MODIFY CHANGEOVER POINT</b>			
KODIAK, AK VOR/DME	ANCHORAGE, AK VOR/DME	103	KODIAK