

Uniden 436 scanning tips for monitoring aircraft

Hat tip to kruser in the railroad forums. Thanks for making me aware of the 400ms digital delay. I set all my airband analog to 0 and my scanner is behaving better on airband VHF and Milair 225-400.

BCDx36HP Sentinel

Scan Selection	Service Types	Location Settings	Search/Close Call	Broadcast Screen	Custom Search	Close Call	WX	Tone Out	Quick Keys	Status	Discovery	Display Options	Band Defaults	Miscellaneous
	Name	Lower	Upper	Modulation	Step (kHz)	Delay	Attenuator	Bank Status	Analog AGC	Digital AGC	Digital Waiting Time	Digital Threshold Mode	Dig Thn Lev	
Custom 0	0 118 136 Air Band	118.000000	138.000000	AM	Auto	2sec	Off	Off	Off	Off	0ms	Auto	8	

Easier to read 436 scanner manual:

http://new.marksscanners.com/536/436_536.shtml#sys_p25_wait

Common Civilian Frequencies

Frequency	Type	Tone	Alpha Tag	Description	Mode	Tag
121.50000	M	CSQ	VHF Guard	Aircraft Emergency and Distress (VHF Guard)	AM	Aircraft
121.95000	M	CSQ	AvSup 121.95	Aviation Support	AM	Business
122.75000	M	CSQ	Air-Air 122.750	Aircraft air-to-air	AM	Aircraft
122.77500	M	CSQ	AvSup 122.775	Aviation Support	AM	Business
122.85000	M	CSQ	Multi 122.85	Multicom, Aviation Support	AM	Aircraft
122.90000	M	CSQ	Multi 122.9	Multicom, Search and Rescue Training	AM	Aircraft
122.92500	M	CSQ	Multi 122.925	Multicom - Special Use, Natural resource management	AM	Aircraft
123.02500	M	CSQ	Helo Air-Air	Helicopter Air-to-Air	AM	Aircraft
123.10000	M	CSQ	SAR Primary	Search and Rescue primary, ATC for special events secondary	AM	Aircraft
123.12500	M	CSQ	FlightTest123.12	Flight Test itinerant	AM	Business
123.15000	M	CSQ	FlightTest123.15	Flight Test itinerant	AM	Business

Frequency	Type	Tone	Alpha Tag	Description	Mode	Tag
123.17500	M	CSQ	FlightTest123.17	Flight Test itinerant	AM	Business
123.20000	M	CSQ	FlightTest123.2	Flight Test	AM	Business
123.22500	M	CSQ	FlightTest123.22	Flight Test	AM	Business
123.25000	M	CSQ	FlightTest123.25	Flight Test	AM	Business
123.27500	M	CSQ	FlightTest123.27	Flight Test	AM	Business
123.30000	M	CSQ	AvSup 123.3	Aviation Support	AM	Business
123.32500	M	CSQ	FlightTest123.32	Flight Test	AM	Business
123.35000	M	CSQ	FlightTest123.35	Flight Test	AM	Business
123.37500	M	CSQ	FlightTest123.37	Flight Test	AM	Business
123.40000	M	CSQ	FlightTest123.4	Flight Test itinerant	AM	Business
123.42500	M	CSQ	FlightTest123.42	Flight Test itinerant	AM	Business
123.45000	M	CSQ	FlightTest123.45	Flight Test/Unofficial Air-to-Air	AM	Business
123.47500	M	CSQ	FlightTest123.47	Flight Test	AM	Business
123.50000	M	CSQ	AvSup 123.5	Aviation Support	AM	Business
123.52500	M	CSQ	FlightTest123.52	Flight Test	AM	Business
123.55000	M	CSQ	FlightTest123.55	Flight Test	AM	Business
123.57500	M	CSQ	FlightTest123.57	Flight Test	AM	Business
126.20000	M	CSQ	MilCom 126.2	Military Common (advisory)	AM	Aircraft
134.10000	M	CSQ	MilCom 134.1	Military Common (advisory)	AM	Aircraft
135.85000	M	CSQ	FltIns135.85	FAA Flight Inspection	AM	Federal
135.95000	M	CSQ	FltIns135.95	FAA Flight Inspection	AM	Federal

Frequency	Type	Tone	Alpha Tag	Description	Mode	Tag
122.20000	M	CSQ	Flt Watch Wx	Flight Watch Weather	AM	Aircraft
129.52500	M	CSQ	Deicing Comm	Deicing Common	AM	Business
121.77500	M	CSQ	ELT Training	Emergency Locator Transmitter (ELT) Training Beacons	AM	Aircraft
122.70000	M	CSQ	FAA 122.700	Unicom	AM	Aircraft
122.72500	M	CSQ	FAA 122.725	Unicom	AM	Aircraft
122.80000	M	CSQ	FAA 122.8	Unicom	AM	Aircraft
122.97500	M	CSQ	FAA 122.975	Unicom	AM	Aircraft
123.00000	M	CSQ	FAA 123.000	Unicom	AM	Aircraft
123.05000	M	CSQ	FAA 123.05	Unicom	AM	Aircraft
123.07500	M	CSQ	FAA 123.075	Unicom	AM	Aircraft
122.95000	BM	CSQ	Unicom 122.95	Unicom - Controlled Airports	AM	Aircraft

Common Military Frequencies

In recent years many PMSV stations have moved off of the four older nationwide common frequencies.

243.0000 Aircraft Emergency and Distress (Military Guard)
257.8000 Air Traffic Control (Military Common)
282.8000 Search and Rescue
255.4000 FAA Flight Service Stations
296.7000 FAA Flight Service Stations
239.8000 PMSV (Pilot to Metro Service - weather advisory)
342.5000 PMSV
344.6000 PMSV
375.2000 PMSV
303.0000 Air-to-air "Winchester"
311.0000 USAF ACC Command Posts Primary
321.0000 USAF ACC Command Posts Secondary
381.3000 USAF ACC Command Posts
319.4000 USAF AMC Command Posts

349.4000 USAF AMC Command Posts
252.1000 USAF Reserve Command Posts
351.2000 USAF Reserve Command Posts
364.2000 USAF NORAD AICC Primary
380.0000 FAA Flight Inspection/ SMO Ground Personnel
380.1000 FAA Flight Inspection/ SMO Ground Personnel

ARINC En Route Service

ARINC operates a wide area radio network, primarily to enable airline customers to create voice patches. It is available above 20,000 feet and on the ground at select airports. Use examples include pilot to dispatch, maintenance control, or medical advisors. This is usually used to supplement ACARS or in lieu of ACARS if it is inoperative on an aircraft. This way airline dispatchers can maintain operational control of their aircraft in flight. Delta Air Lines maintains a similar but separate network called "Atlanta Radio".

In the contiguous US, the base station callsign is "San Francisco Radio" except on Gulf Net, Maritime Net and Mex Net which are "New York Radio."

- [ARINC Voice Service](#) (this page has current HF/VHF coverage maps)
- [ARINC Frequencies in the NE US](#)

VHF en route frequencies changed effective 04 Apr 2012:

128.9000 Southwest USA
129.4000 Northeast USA / Great Lakes Area / Canada West Coast and Anchorage
129.4500 East Central USA
131.8000 Northwest USA
129.9000 Maritime Net (Northeast Coast USA)
130.7000 Mexico / Caribbean
131.1750 Southeast USA
130.4000 West Central USA
131.9500 Pacific Net (West Coast USA and Hawaii)