

AIRFONE.TXT

AIRFONE FREQUENCIES

Copied by: John Johnson, K WV8BP
 Source: Monitor America

On October 15, 1984, Airfone, Inc. began to offer air-to-ground telephone service for commercial airline passengers. Using special cordless Tele-phones which accept standard credit cards, the system offers three-minute calls for a minimum charge of \$750. A network of ground stations carries the transmissions; computer control "hands off" calls from one ground station to another as airliners move in & out of range. Thirty-two channels are assigned to each transmission site, following the same pattern in each case except for the lowest frequency assigned. All stations transmit on AM single sideband (A3A).

Transmitter Sites	Frequency Begin	Transmitter Sites	Frequency Begins
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Abajo Peak, UT	945.204	Las Vegas, NV	945.404
Albuquerque, NM	945.804	Los Angeles, CA	944.604
Atlanta, GA	945.404	Meridian, MS	945.604
Austin, TX	944.204	Miami, FL	944.404
Boston, MA	945.204	Monahans, TX	945.004
Bridgeton, MO	944.604	Nashville, TN	944.404
Burlingame, CA	945.204	New Orleans, LA	945.004
Charleston, SC	944.604	Orlando, FL	945.004
Charleston, WV	944.204	Phoenix, AZ	944.804
Chicago, IL	945.804	Pittsburgh, PA	944.804
Delta, UT	944.204	Seattle, WA	944.604
Denver, CO	944.604	Shreveport, LA	945.804
Des Moines, IA	944.204	Springfield, MO	945.404
Fort Wayne, IN	945.204	Tallahassee, FL	944.804
Grand Island, NE	944.404	United States	899.000
Hawthorne, NV	945.604	(Nationwide Channel)	
Houston, TX	945.404	Washington, DC	944.604
Irving, TX	944.804	Wilmington, NC	945.204
Jamaica, NY	945.204	Woodward, OK	945.604
Klamath Falls, OR	945.884		

Channeling Plan

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Channels are separated by 6 KHz except for the last channel assigned to each location, which is 10 KHz higher than the preceding channel. For example, if the first channel in a group is 944.204, the sequence would be:

944.204	944.210	944.216	944.222	944.228	944.234	944.240
944.246	944.252	944.258	944.264	944.270	944.276	944.282
944.288	944.294	944.300	944.306	944.312	944.318	944.324
944.330	944.336	944.342	944.348	944.354	944.360	944.366
944.342	944.348	944.354	944.360	944.366	944.372	944.378
944.384	944.394					

Aircraft Mobile Telephone Channels

Calling	454.675	5	454.750	9	454.825
1	454.950	6	454.700	10	454.875
2	454.900	7	454.725	11	454.925
3	454.850	8	454.775	12	454.975
4	454.800				

I read some where, not too long back, todays date is 8/89 that the Airfone 900.0 frequencies were to be moved to another channel plan, if anyone has information on any updates to this please let me know.

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