



# ASRI RF Interference Reports

Montreal Canada  
October 6-7, 2015

# ASRI RF Interference Report



- This is a description of all radio frequency interference reported via the ASRI website between June 2015 to October 2015.
- We would like to acknowledge the outstanding help from the FAA, the FCC, Airlines, FBO's, ACG and Rockwell Collins (ARINC) in the resolution of these problems.

# DOW Corning Corp @ MBS (6/9/2015)



- Reported sporadic data burst on 131.350 MHz.
- ARINC replaced a bad radio in March 2015 which cleared initial complaint but customer believes the issue started again.
- ASRI worked with ARINC's Chicago maintenance, during the investigation customer stated RFI stopped.
- Ticket closed.

# PHI @ Foley, AL

(6/25/2015)



- PHI reported localized interference to 132.00 MHz at base in Foley, AL
- Aircraft were hearing a 1kHz audio tone on 132.00 MHz while on the ground or near the Exxon base.
- Contacted the Exxon radio comms department to look into issue, they agreed but could not isolate source.
- ASRI contacted FCC enforcement to investigate.
- FCC isolated issue to a bent probe on a Diesel Tank .
- Ticket closed



# W Aviation @ FEX (7/1/2015)



- Reported hearing a competitor's transmissions.
- Both FBO's were on same frequency.
- Called W Aviation and explained these are shared frequencies and they will be able to hear other aircraft if they are overhead.
- Customer decided to change frequencies and has not reported any more issues.
- Ticket Closed.

# FedEx @ SMF

(7/6/2015)



- Reports of intermittent noise bursts on 131.925 MHz for the last 2 months.
- Suspect noise coming from 131.700 MHz – seems to only happen when this is keyed.
- FedEx tech, using spectrum monitor, was able to verify 131.700 MHz was putting out spurs
- ACG replaced Southwest radio and problem cleared.
- Ticket Closed.

# ARINC @ PHL (7/21/2015)



- ARINC reported poor ACARS performance on 130.450 MHz at PHL.
- ARINC tech isolated source of interference to 130.475 MHz.
- ARINC engineering found the Air Canada radio being rapidly keyed by the RDI7000 dialup device.
- ARINC removed dial up device and RFI ceased.
- Ticket closed.



- Reports of what sounds like ACARS transmissions on 132.100 MHz and 121.900 MHz.
- ARINC on site and unable to verify an equipment problem. FAA stated they have not had any complaints for 6 weeks.
- Spoke with OMA FAA they are still working issue.
- Ticket open.





# Questions?