



## *Fact Sheet*

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### **F-16 Beyond Line of Sight (BLOS)/ Secure Line of Sight (SLOS)**

#### **Background**

The F-16 radio suite provides UHF/VHF voice communications between stations within Line-of-Sight (LOS). Current secure voice communications are operationally limited due to poor transmission and reception quality. Additionally, F-16s are not interoperable with the Single-Channel Ground-to-Air Radio System (SINCGARS) used by Army units. This limitation directly reduces the F-16 pilot's ability to support coalition ground forces. F-16s conducting homeland defense missions are unable to communicate with agencies operating in the civil and marine bands. Additionally, current operating environments require satellite communications (SATCOM) capabilities. Systems such as the ARC-210 radio bring SATCOM as well as expanded secure radio spectrum coverage, including UHF/VHF, FM, SINCGARS, and the civil and marine bands for homeland defense. Systems like the ARC-210 permit future growth for streaming video and image transfer. These capabilities are crucial to current and future operations in remote areas, dense threat environments, and defense of the homeland.

#### **Units Impacted**

113 WG Andrews AFB, MD	140 WG Buckley, CO	169 FW McEntire, SC
114 FW Sioux Falls, SD	144 FW Fresno, CA	174 FW Syracuse, NY
115 FW Truax, WI	147 FW Ellington, TX	177 FW Atlantic City, NJ
120 FW Great Falls, MT	148 FW Duluth, MN	178 FW Springfield, OH
122 FW Ft Wayne, IN	149 FW Kelly AFB, TX	180 FW Toledo, OH
127 WG Selfridge, MI	150 FW Kirtland AFB, NM	183 FW Springfield, IL
132 FW Des Moines, IA	158 FW Burlington, VT	187 FW Dannelly Fld, AL
138 FW Tulsa, OK	162 FW Tucson, AZ	

#### **Recommendation**

The National Guard Association of the United States urges Congress in FY08 to authorize and appropriate \$19.5M for voice/data communications for the ANG F-16Cs.