

## INFORMATION PAPER

### ON

#### HH-60G TACTICAL DATA LINK (TDL)

**1. Background.** Combat Search and Rescue (CSAR) forces require the improved situational awareness (SA) capabilities that a TDL can provide during Combat Search and Rescue Task Force (CSARTF) operations. A TDL allows forces to more effectively locate and recover survivors, and provides critical off-board data to C2 and protective fighter/attack aircraft. Bottom line, the HH-60G will be interoperable with other air assets in theater, have enhanced SA for CSARTF missions, and will reduce fratricide for CSAR forces.

**2. Requirement.** CAF MNS 315-92, Real-Time Information in the Cockpit (RTIC). Global Information Grid CRD, JROCM 134-01, 30 Aug 01. Air Force Tactical Data Link Master Plan.

**3. Impact If Not Funded.** Lack of data link creates high potential for mission failure, lost aircrew, and lost aircraft due to lack of situational awareness and airspace management in the battle area. ANG rescue aircraft will be incompatible with Air and Space Expeditionary CSAR Force packages, jeopardizing the interoperability of the Total Force. A TDL is essential for reactive, time-critical missions that require dynamic planning and maximum flexibility in a very fluid environment. Real time information into and out of the cockpit (RTIC/RTOC) is critical to Combat Search and Rescue (CSAR), drop-zone identification, and threat analysis while limiting voice emissions

**4. Units Impacted.**

106 RQW      Gabreski Field, NY  
129 RQW      Moffett Federal Airfield, CA  
176 WG      Kulis ANGB, AK

**5. Contractor.** Joint Tactical radio System (JTRS) Cluster 1: Boeing; Data Link Systems (DLS): Rockwell Collins, Cedar Rapids, IA; BAE, Wayne, NJ

**6. Cost.**

Units Required*	Unit Cost	Program Cost
18 JTRS with EPLRS/Link 16	\$110K	\$1.98M
Integration/Testing (NRE)	\$880K	\$880K
<b>Total Program</b>		<b>\$2.86M</b>

\*No spares required