

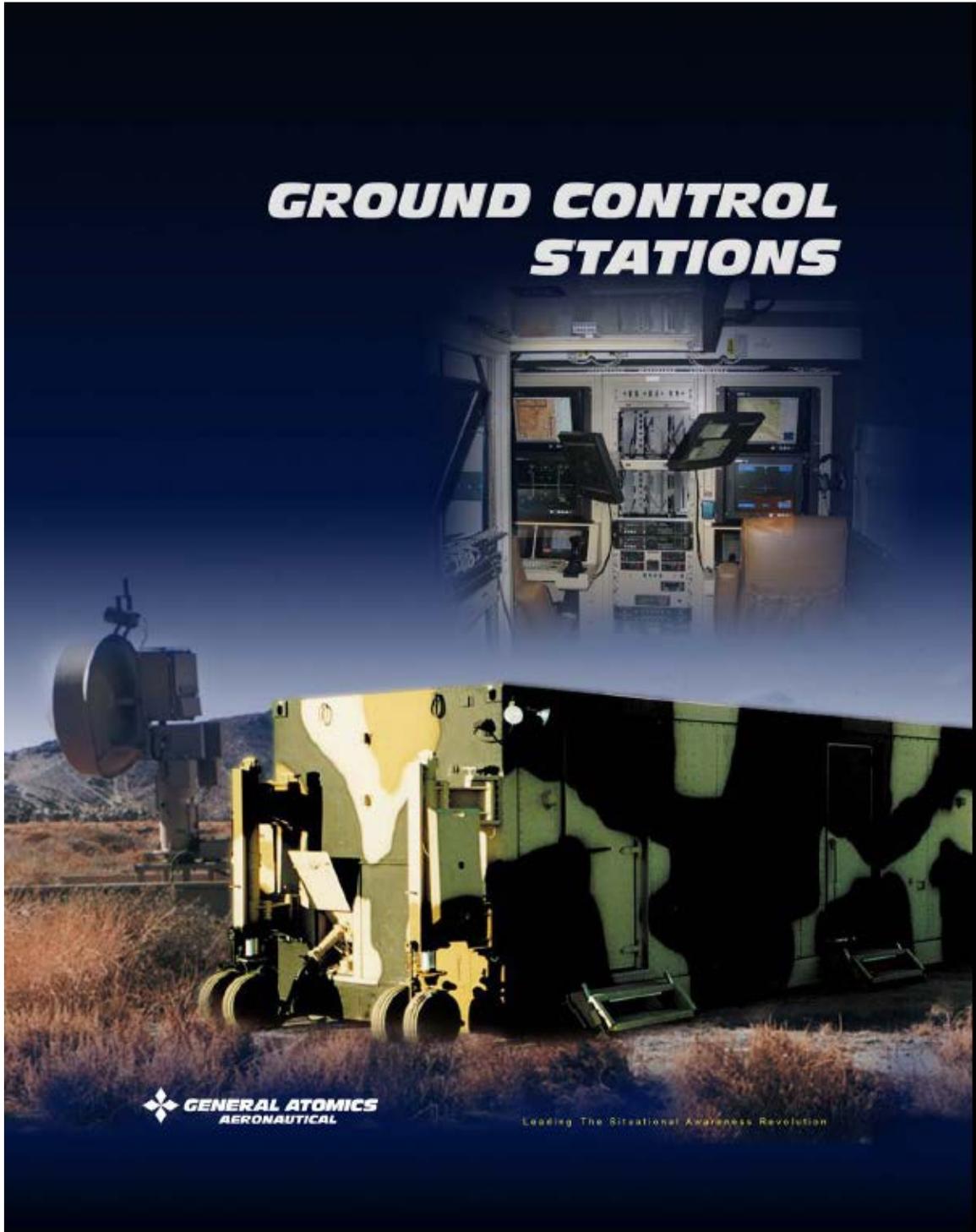
# 174th COA – 2

## Ground Control Station (GCS) Description

Point of Contact:



Exemption 6



# GROUND CONTROL STATIONS

## STANDARD GROUND CONTROL STATION (GCS)



- Pilot and payload operator stations
- Redundant control
- Mil-STD heads-up display
- Multi-Function Workstations (MFW)
- C-130 transportable

## MULTI-AIRCRAFT CONTROL (MAC) OF FOUR AIRCRAFT FROM ONE GCS



- Crew complement includes one pilot and four sensor operators
- Pilot can dynamically select which aircraft is under direct control
- Four sensor operators maintain continuous control of sensors
- Sensor operator control of aircraft with point-and-click commands
- Designed with complete system redundancy
- Currently in use by the U.S. Air Force

## PORTABLE GROUND CONTROL STATION (PGCS)

- Suitcase portable (<100 lb)
- Complete aircraft control, including launch and recovery
- Single operator aircraft and sensor control
- Installation available into other equipment



## HIGH MOBILITY GROUND CONTROL STATION (HMGCS)



- Two PGCSs mounted in a HMMWV S-788 shelter
- Portable Ground Data Terminal (PGDT) provides over 200+ km range
- Rapidly deployable command and control asset
- C-130 transportable
- Currently deployed with the U.S. Army

## MULTI-FUNCTION WORKSTATION (MFW)

- Mission planning
- Mission monitoring
- Data exploitation
- Lynx SAR control
- Video recording
- Video and data archiving
- Integrated into GCS or stand-alone system



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