

184TH CYBER OPERATIONS GROUP



Lt Col Dave Carpenter

This Briefing is **UNCLASSIFIED**



184TH CYBER OPERATIONS GROUP

MISSION

To deliver freedom of action in and through cyberspace to advance Air Force core missions.

VISION

To integrate cyber capabilities to achieve an operational advantage in the ability to collect, control, exploit, and defend cyber systems that optimize decision making and maximize warfighting effects.

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299TH Network Operations Sq



**"One single vulnerability is
all an attacker needs."**

*Window Snyder,
Chief Security Officer, Fastly*

92 ANG WINGS

146 LOCATIONS

85K ASSESTS

105K USERS

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127TH Cyber Operations Sq



35
32
19
16
16
14

Mil/Gov
Georgia
Bulgaria
Poland

ATTACKS

Timestamp	Organization	Attacker	Location	IP	Location	Target	Service	Type	Port
14:30:37.37	France	unknown	France	212.83.175.43	San Francisco, United States	sp			
							Service		Port
							278	pcanywhere\data	5631

ATTACK TYPES

41 CrazyNet



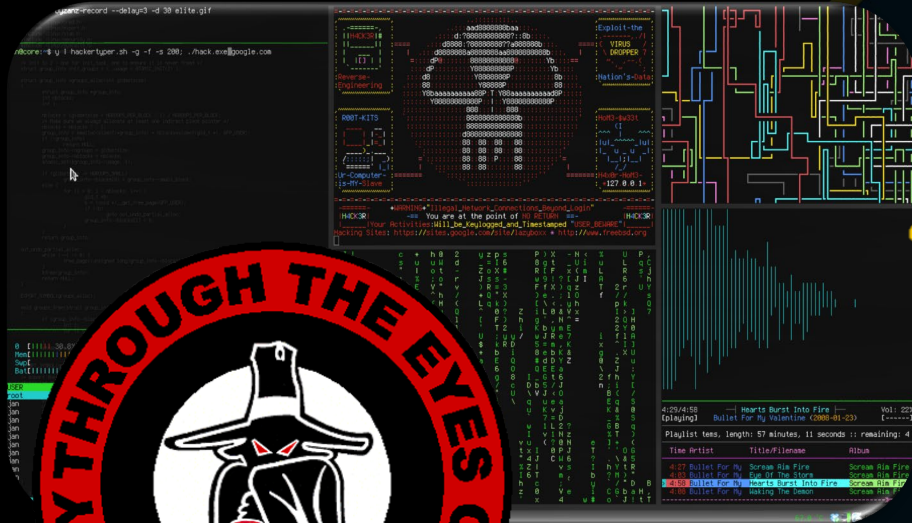
HUNT

CLEAR

PROTECT

ASSESS

184TH CYBER OPERATIONS GROUP 177TH Information Aggressor Sq



KNOW

TEACH

REPLICATE

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COG Career Fields

AFSC

1D7

Cyber Defense Operations

1B4

Network Warfare Operations

1N0/1N4

- All Source Intelligence
- Cyber Intelligence

14N / 17S

- Intelligence Operations Officer
- Cyber Operations Officer

SKILLSET

Infrastructure Management
Range/Test environment
Maintenance

Cyber Operations
Host analysis
Network Analysis
Threat Hunting

Intelligence collection and analysis
Fusion with Cyber Operations
Targeting

Planning/Coordination/Leadership
Fusion and Targeting
Analysis

CIV EQUIV.

Network Architect
Database Admin
Network Manager
IT Engineer

Information Security Analyst/Manager
Penetration Tester/Vulnerability Assessment
Digital Forensics Analyst
Security Engineer

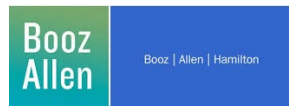
Business intelligence analyst
SOC analyst/threat analyst
Command and Control Analyst
Financial Systems Analyst

Business Operatons
Program Manager
Comptroller
SOC Manager, Security Architect, CISO

**CITIZEN
AIRMEN**



KSANG / 184th Cyber Ops Group Professionals



Middlebury



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Domestic Support Capabilities / Capacity

Capability	Unit
System Security Standards	127 COS, 177 IAS, 299 NOS
Compliance	127 COS, 177 IAS, 299 NOS
Exercise Support	127 COS, 177 IAS, 299 NOS, 184 CF
Vulnerability Assessment & Remediation	127 COS
Defense Assessment	127 COS
Active Network Defense	127 COS
Incident analysis & Response	127 COS
Digital Forensic analysis	127 COS
Network / Security Infrastructure Engineer	127 COS, 299 NOS
Security Analyst	127 COS, 299 NOS, 177 IAS
System, Network, and or Pen Tester	127 COS, 177 IAS

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Limiting Factors

- Equipment – dual use equipment approved in some cases
- Training disparity – Collaboration enhances effectiveness
- Facilities – Can co-locate, but will need space, power, network access
- Authorities Limited – Currently no avenue exists for State Agencies to request support from ANG cyber support – State actively working to solve this

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QUESTIONS?



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