

IMAGES



RDOD



04014022

	1	2	3	4	5	6	7	8	9	Inclusive
Staple	<input type="checkbox"/>									
Paper Clip	<input type="checkbox"/>									
Binder Clip	<input type="checkbox"/>									
Rubber Band	<input type="checkbox"/>									
Binder	<input type="checkbox"/>									
Folder	<input type="checkbox"/>									
Redweld	<input type="checkbox"/>									
Tab	<input type="checkbox"/>									
Loose Pages	<input type="checkbox"/>									
Other	<input type="checkbox"/>									

Notes:

Job Name: Images

Job ID: 657965EC

© Document Strategies, Inc 2000





This Briefing Is
Unclassified

**AMALGAM VIRGO 02
IPC**

NCT0065669

**MAJ GODDARD
HQ NORAD J38X**

AUG 20 2017



UNCLASSIFIED

Agenda

- Overview
- Scenario
- Training Objectives
- Hijack 101 (NORAD perspective)
- Discussion Items
 - Airspace / Control Issues
 - Agency interaction
 - Teleconference
 - Assets
 - Timeline / MSELS
 - Control Structure

NCT0065670

UNCLASSIFIED



UNCLASSIFIED

Agenda

- Intercept
- Funding Issues
- Simulations (terrorist FBI)
- PA
- Future Consideration
- Deliverables
- TRUSTED AGENT issue***

NCTI0065671

UNCLASSIFIED



UNCLASSIFIED

Overview

- **Amalgam Virgo**
 - Small-scale exercise conducted by one or more Regions, HQ NORAD and CMOC.
 - Exercise peacetime and contingency missions.
 - Emphasis on air piracy, CD ops, anti-airborne terrorism, and CM defense.
 - A key aspect is coordination with non-DoD agencies
- **Dates:** 4-5 Jun 02
- **Participants:**
 - FBI, FAA, TC, NAV Canada, RCMP, FEMA, NWA, NORAD, NMCC, NDCC

NCTI0065672

UNCLASSIFIED



UNCLASSIFIED

Scenario

- Notional STARTEX

- Pres. Bush opens vast portions of Alaskan wilderness to oil drilling exploration.
- Oil companies begin drilling
- Environmental groups protest and some more radical groups demand action.
- Flight routing is: PHX-ANC
- FAA Air Marshal coincidentally is on board.
- Plane is hijacked during takeoff by “Greenfirst”, a radical militant splinter group of Greenpeace.
- Hijackers order pilot to continue takeoff or they will release Sarin. Claim to have other WMD also.
- Aircraft takes off and squawks 7500.

NCTR0065673

UNCLASSIFIED

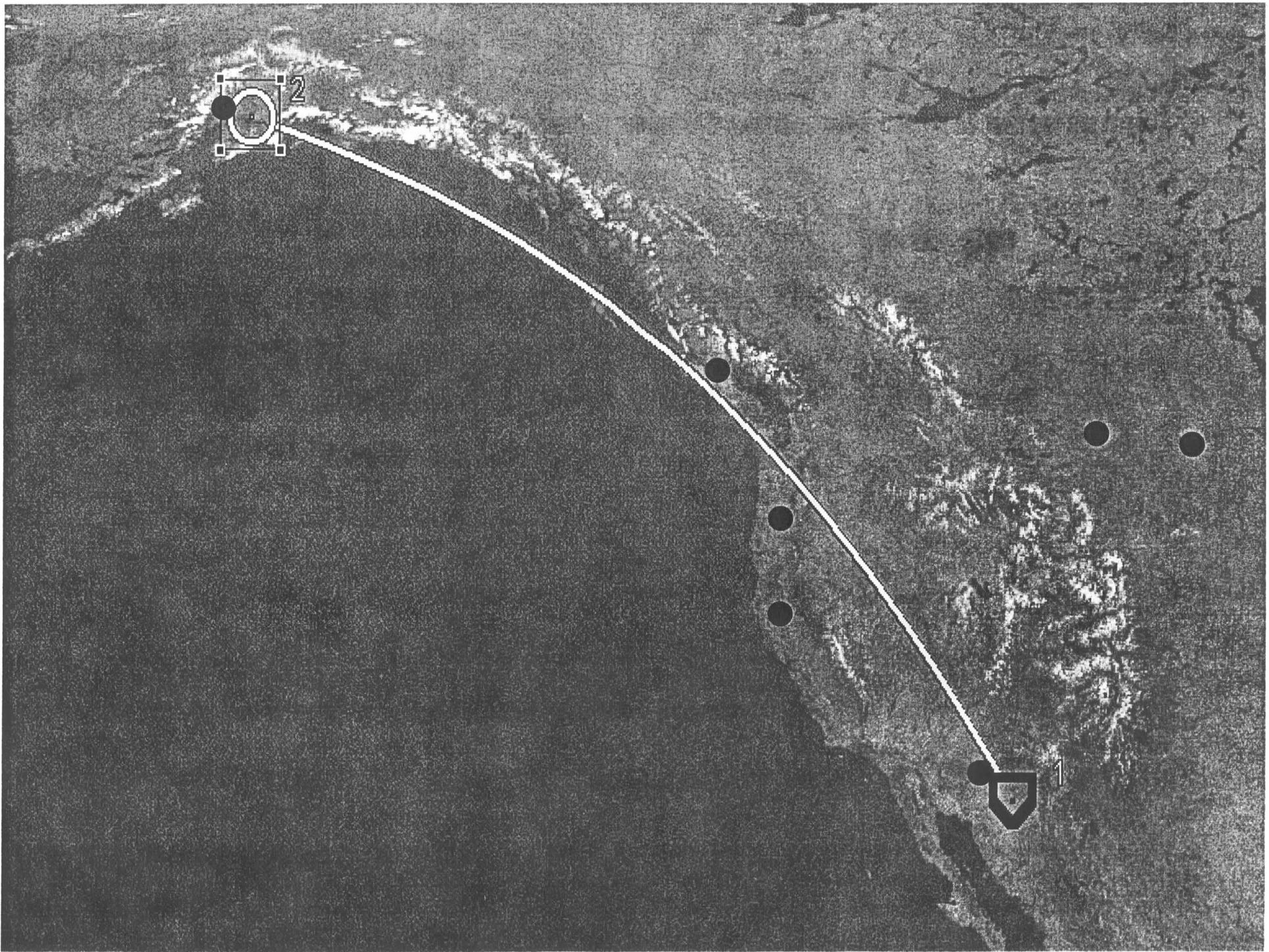


Scenario

- Notional STARTEX

- Reports of poisoning incident at PHX restroom. 12 injured, 3 dead including one known extremist.
- Other extremists boarded the aircraft as passengers and during the hijack, claim to have vials of Sarin.
- Hijackers' intent is to force an end to oil exploration and drilling in Alaska's newly opened wilderness.

NCT0065674



NCT0065675



UNCLASSIFIED

Scenario

- **Training Events**

- **Hijack**

- NORAD support - shadow and surveillance
 - Aircraft assault
 - FAA/TC coordination / FAA run intercepts
 - Control responsibility hand-off

- **WMD**

- Chem / BIO threat decision making process
 - Consequent management

- **I/O**

- Misinformation

NCT0065676

UNCLASSIFIED



UNCLASSIFIED

Training Objectives

- **HQ NORAD**
 - Exercise hijack procedures
 - Interagency coordination (w/ real players)
 - Exercise WMD procedures
 - Command & Control
 - Cross Region Coordination
 - E-3 integration
 - Cross border considerations

NCT0065677

UNCLASSIFIED

NCT0065678



Amalgam Virgo 02

HIJACK

References:

- CJCSI 3610.01
- NORAD Master SPINS
- FAA Crisis Management Handbook
- NP 703E



Hijack Procedures

- General
- Escort Procedures
 - C²
 - Approach/Escort
 - Termination
 - Restrictions
 - Military assistance
 - Possible Scenario's

NCT0065679

FAA/TC has sole responsibility for the hijack when “In Flight”.

FBI/RCMP has sole responsibility for the hijack when “Not in Flight”.

AN a/c is considered “In Flight” the moment all external doors are closed and considered “Not in Flight” when any of the external doors are opened.



Hijack Procedures

- **General**

- No action is taken unless requested by the FAA or Transport Canada (TC)
- Military assistance to:
 - Assure positive flight following
 - Report unusual observances
 - Aid in SAR if required
- JCS or CDS may task NORAD to provide escort aircraft
- NMCC or NDCC will request military assistance thru the NORAD Command Center (CMOC CC)



Hijack Procedures

- **Escort missions will not be conducted if:**
 - They interfere with the conduct of active air defense mission(s)
 - Flight safety conditions will not allow airborne surveillance

NCT0065681



Hijack Procedures

- **Escort Mission Command and Control (C²)**
 - **CONR/ANR**
 - When the hijacked a/c is not within FAA radar coverage, but within CONR or ANR coverage, the escort a/c are under appropriate region C²
 - If the hijacked a/c is within FAA coverage, the escorts are controlled by appropriate FAA facility and remain under command of appropriate region
 - **CANR**
 - Within CANR coverage, escort a/c are under CANR C²
 - When not within CANR coverage but under TC coverage, NORAD escort mission is terminated. TC does not control NORAD fighters (except for scramble and recovery at TC-controlled airports)

NCTI0065682



Hijack Procedures

- ***Approach/Escort Phase***

- **Escort a/c will be vectored to approach hijacked a/c from the rear to avoid possibility of being observed by hijackers**
- **When escort a/c are 30 nm from hijacked a/c, positioning instructions are confirmed (5 or 10 nm)**
- **Intercept is planned so as to position escorts at same altitude, heading and speed of hijacked a/c no closer than 5 nm (US) or 10 nm (Canada, 5 nm with approval of Regional DDO) directly behind hijacked a/c**

NCT0065683



UNCLASSIFIED

Hijack Procedures

- ***Termination***
 - NMCC, NDCC, NCC, FAA or TC may issue termination orders. Escorts terminate surveillance when directed by controlling agency. Pilots may terminate if conditions unsafe
- ***Restrictions***
 - Escort a/c are restricted from proceeding inside the claimed territorial sea of a foreign country or 12 miles (whichever is less) or the Mexican border common with the U.S. without overflight clearance

NCTO065684

UNCLASSIFIED



Hijack Procedures

- ***When notified that military assistance is needed:***
 - DDO, NMCC will determine if equipment needed is available from police or commercial sources.
 - If Not Suitable, DDO, NMCC will notify the appropriate unified command or USELEMNORAD, to determine if suitable assets are available and forward the request to the secretary of defense for approval.
 - If suitable assets from a unified command or USELEMNORAD are not reasonably available, the DDO, NMCC will coordinate with the appropriate military service operations center to provide military assistance.

NCTI0065685



Hijack Procedures

Possible Scenario's (NAV CANADA)

- | | | |
|--|-------|--|
| Squawking 7700 after 7500 for 3 min
or after ATC acknowledgement. | ----- | Request armed intervention.. |
| Squawking 7700 after 7500, while not
in radio contact with ground. | ----- | In-Flight emergency in addition
unlawful interference. |
| Following confirmation of hijack,
leaving full flaps down after landing
or extending full flaps while on ground. | ----- | Situation desperate armed
intervention. |
| Following confirmation that a hijack is
in progress retracting flaps after landing. | ----- | Do not intervene. |
| Pilot's TX to Center this is Callsign
Trip. | ----- | A/C subject to unlawful
interference but cannot talk
freely. |

NCT0065686



Hijack Procedures

Pilot

- Squawk 7500
- Advise Center / Tower of situation

FAA Facility

- Advice FAA Command Center
- Advise Sector / Region AOC???

FAA/TC HQ

- Activate Hijack Coordinator
- Establish teleconference
- Request military assistance from NMCC/NDCC

NMCC DDO

- Forward request to SecDef for approval
- Authorize dirlauth with military unit ie AOC
- Directs CMOC CD to support mission



Hijack Procedures

CMOC CD

- Directs appropriate Region to support mission
- Advise Center / Tower of situation
- Coordinate tanker support
- Monitor mission
- Keep NMCC/NDCC informed
- Notify NOC
- Coordinate with FAA Hijack Coordinator

Region / Sector

- Coordinate with FAA Center - Scrambles etc
- Forward tell tracks to AWC
- Coordinate placement/replacement of aircraft

FBI/RCMP

- ???

NCTD0065688



Hijack Procedures

- Teleconference (Established by FAA)
 - FAA Hijack Coordinator
 - NMCC
 - NDOC
 - CMOC CC
 - White House Situation Room
 - FBI
 - State Department
 - Air Carrier Ops Center
 - FAA Regional Office
 - Air Route Traffic Control Center (ARTCC)
 - Airport Traffic Control Tower
 - Airport Security

NCT0065689



UNCLASSIFIED

Discussion Items

- **Airspace/Control**
 - ALTRV
 - SIR
 - E-3 to E-3 handoff
 - FAA to E-3 handoff
 - MRU / ARU
 - Non-radar environment
 - Back-up plan for player actions
 - FAA to NAV Canada coord
 - Squawk 7500??
 - No notice vs Training

NCT0065690

UNCLASSIFIED



UNCLASSIFIED

Discussion Items

- **Agency Interaction**

- **FBI role**
- **RCMP role**
- **FEMA role**
- **FAA Security**
- **TC / NAV Canada**
- **NMCC / NDCC**
- **Local airport / Law enforcement role**
 - Who talks to who
 - Who needs to be simulated
 - Who needs to be involved
 - Training Objectives
 - Level of play

NCT0065691

UNCLASSIFIED



UNCLASSIFIED

Discussion Items

- **Teleconference**
 - **Procedures in place**
 - **Validating contact numbers**
 - **Duration (ie entire time of event)**
 - **Who will be involved and at what level**

NCT0065692

UNCLASSIFIED

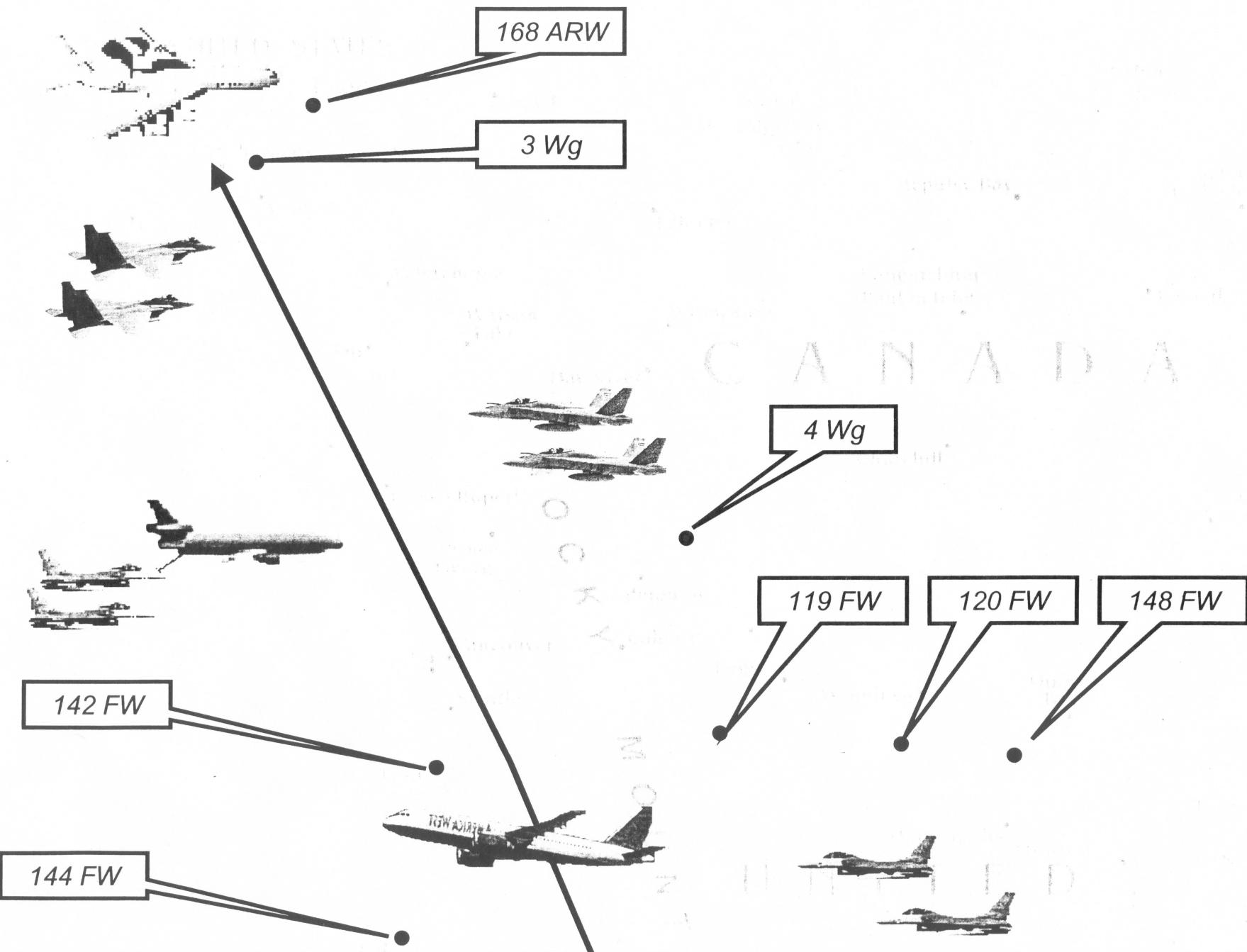


Discussion Items

- **Assets**
 - NORAD ASA
 - Additional Fighter resources
 - E-3
 - Tankers
 - STARTEX placement if required
 - Blue / Red SPINS
 - ATO
 - FBI/RCMP assets
 - Ground play ie CFR, ambulance etc
 - Combat Camera

NCT0065693

NCT0065694





UNCLASSIFIED

Discussion Items

-

MSELS

- WNN Broadcast - tape coordination
- Suspect background
- Flight details (# pax etc)
- Target instructions or player action??
- WMD
 - Small incident at MSP to validate threat
 - Terrorist threat inject

NCT0065695

UNCLASSIFIED



UNCLASSIFIED

Discussion Items

- **Control Structure**

- NECG at Peterson
- Trusted agents for all participating agencies - location
- ANR Control Cell
- WADS Control Cell
- CANR / 22 Wg Control Cell
- Chat
- Telephone list
- Web page use
- Teleconference monitoring

NCT0065696

UNCLASSIFIED



UNCLASSIFIED

Discussion Items

- Intercept
 - Flight Safety Concerns
 - Blue Spins
 - Frequencies
 - Links
 - Crypto

NCT0065697

UNCLASSIFIED



UNCLASSIFIED

Discussion Items

- **Funding Issues**
 - **Concerns**
 - **Requirements**
 - **Airlift**

NCT0065698

UNCLASSIFIED



UNCLASSIFIED

Discussion Items

- **Simulations**
 - **Hijackers - FBI**
 - **Airline passengers - employees, outside invitation**
 - **Non-participating agencies**
 - Who are they
 - Who simulates them
 - Where are they located

NCT0065699

UNCLASSIFIED



UNCLASSIFIED

Discussion Items

- **Public Affairs**
 - Combat Camera
 - Media Plan
 - Player Cooperation

NCT0065700

UNCLASSIFIED



UNCLASSIFIED

Discussion Items

- **Future Considerations**

- MPC / FPC
- Location - Peterson, McChord, Washington, Minneapolis
- Frequency - 2 years
- Link with FBI

NCTI0065701

UNCLASSIFIED

UNCLASSIFIED



Conferencnce Schedule

As of 3 Jul 01

MARCH	APRIL	MAY	JUNE
			AV 02 4 – 5 Exercise
JULY	AUGUST	SEPTEMBER	OCTOBER
			VO 02 MPC (23-25) AW 02 MPC AV 02 MPC Peterson
NOVEMBER	DECEMBER	JANUARY	FEBRUARY

NCT0065702



UNCLASSIFIED

Deliverables

- **Training Objectives**
- **Phone list validation**
- **Funding Issues**
- **POC name, number, email**
- **Level of play**
- **ALTRV reservation**
- **Target instructions**
- **Blue Spins**
- **Control Structure**
- **MSELs**

NCT0065703

UNCLASSIFIED