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**AMALGAM VIRGO 02
UPDATE BRIEF**

**MAJ GODDARD
HQ NORAD J38X**

NCT10024095



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Agenda

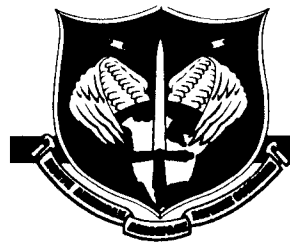


- **Overview**
- **Participants**
- **Timeline**
- **Scenario Review**
- **Significant Activity**
- **Issues**

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Overview



- **HIJACK Scenario**
 - Realistic event (Cradle to Grave)
 - Actual airline involvement
 - As many real outside agencies as possible
 - Similar to exercise in 1995

- **Objectives**
 - Realism at the tactical level (Fighters V Airliner)
 - Airline Ops Center participation
 - Enhanced DEC and DTC
 - Attempt to get aircraft on the ground

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Participants

- **NORAD**
 - NOC
 - CONR
 - ANR
 - CADS
 - CMOC
 - CANR
 - WADS

- **FBI**
 - SIOC
 - Anchorage Field Office
 - LA Rapid Deployment Team
 - Critical Incident Response Group

- **Federal Air Marshal Program**

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Participants



- **FEMA**
 - **FEMA Operation Center (FOC)**
- **RCMP**
- **Solicitor General of Canada**
- **NDHQ**
 - **NDCC**
- **NMCC**
- **FAA**
- **TC**

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Participants

- **NAV Canada**
- **Bureau of Reclamation**
 - **Grand Coulee Dam**
- **Delta Airlines**
 - **Operations Command Center (OCC)**
 - **Emergency Command Center (ECC)**
- **Office of Secretary of Defense**
- **Government of Canada**
 - **Prime Minister**
 - **Minister of National Defence**

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Participants

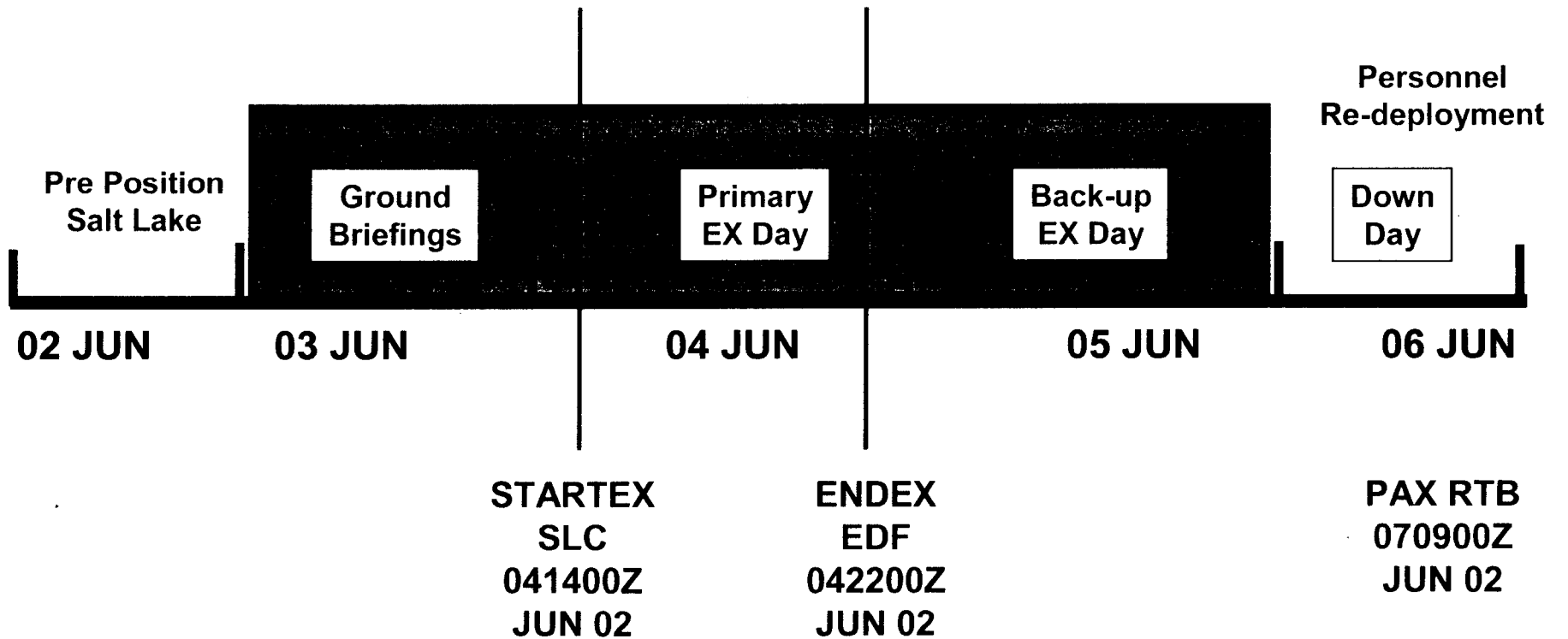


- 962 AACS - AWACS
- 552 AACS - AWACS
- 168 ARW - KC135
- 19 FS - F15
- 142 FS - F15
- 144 FS - F16
- 4 Wing - F18
- 92 ARW - KC135 (Probe / Boom)
- VR61 - C9
- Delta - 757

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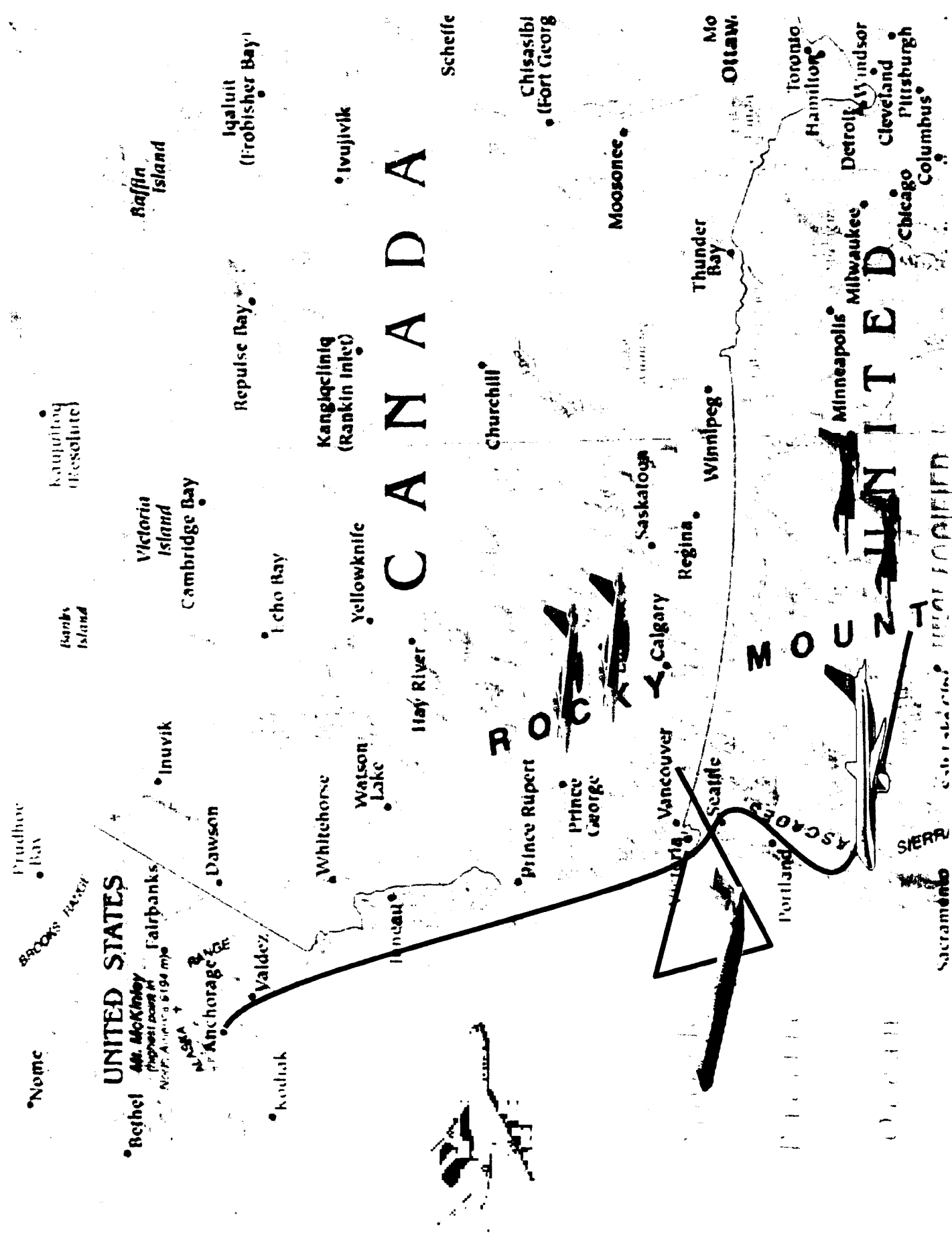
Timeline



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THE SOCIETY

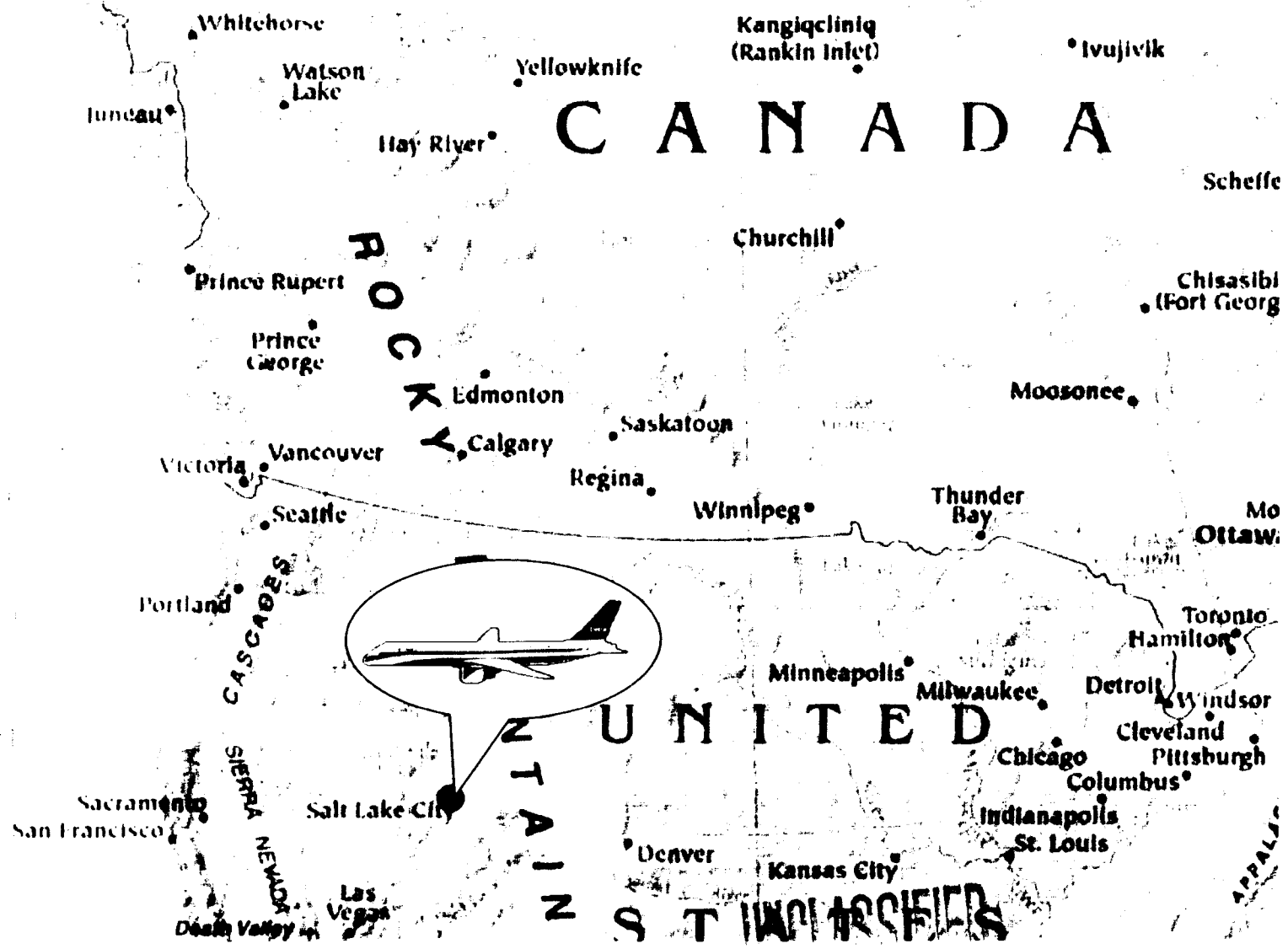


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UNITED STATES
 Bethel
 Mt. McKinley
 (highest point in
 North America, 6194 m)
 Fairbanks
 Anchorage
 Kodiak
 Valdez
 Dawson

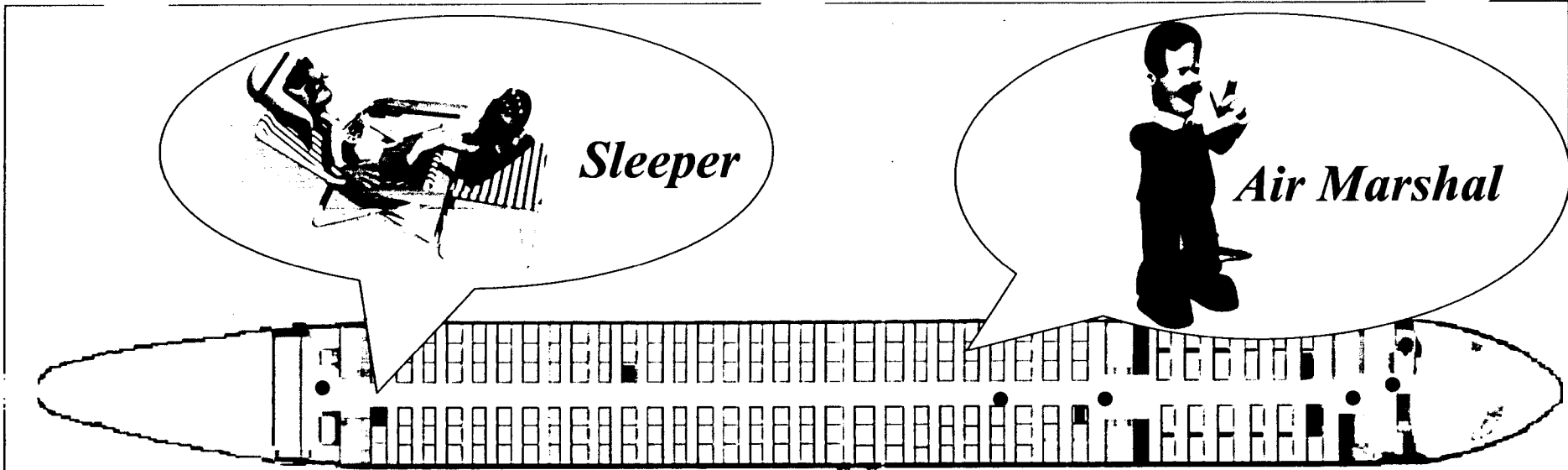
STARTEX: UNCLASSIFIED

- Delta Airlines Flight XXX SLC to HNL
- Intel Report of Suspicious Activity



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STARTEX Condition:

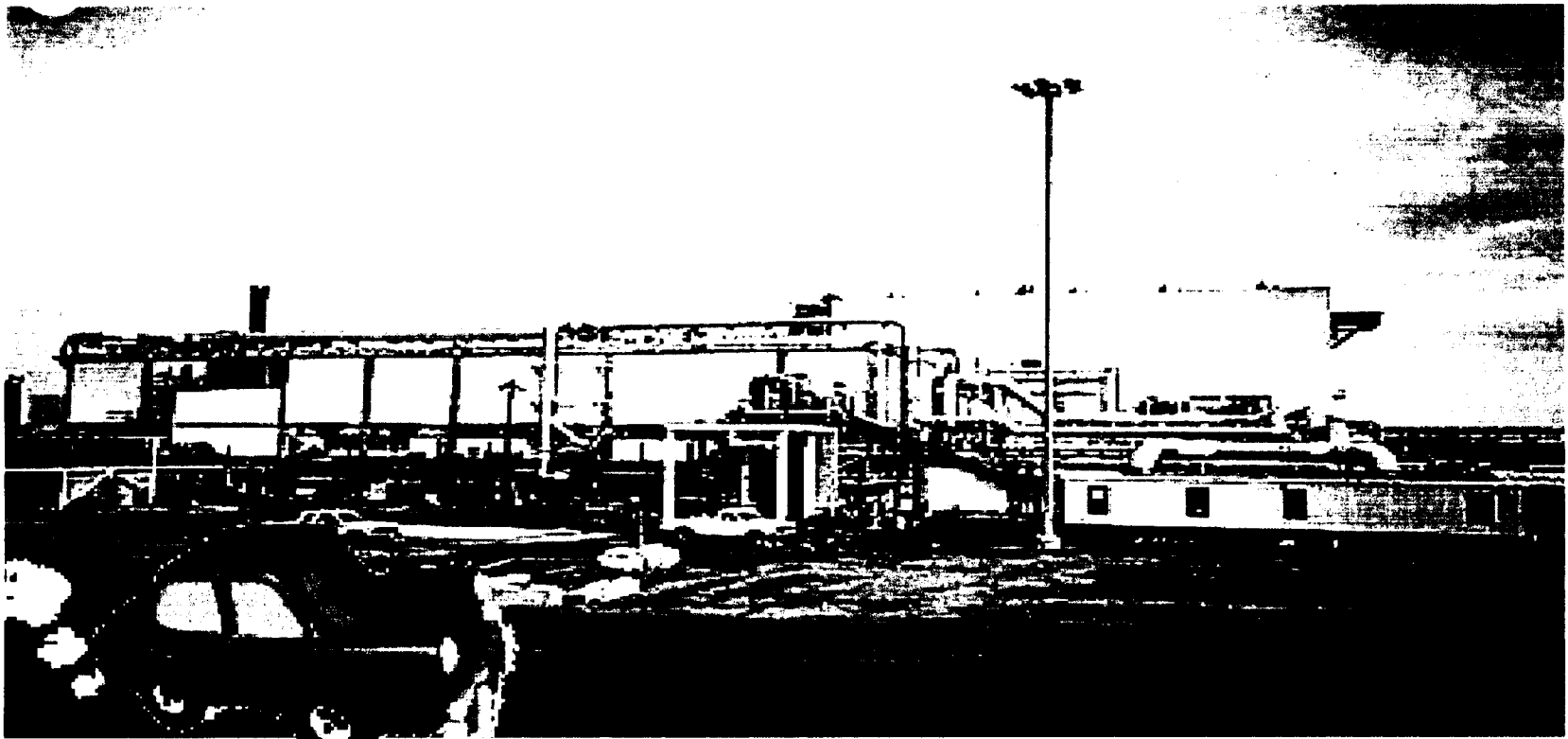
- Boeing 757
- Departure Location – Salt Lake City
- Destination – Honolulu
- Passenger Load –
- Crew Compliment –
- Fuel Onboard –
- Air Marshal onboard

Secure doors

**** Information created and held by Delta until requested by players**
**** Captain needs STARTEX conditions, FAA needs some conditions**

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MSEL 001: Suspicious Activity Report (0+00)

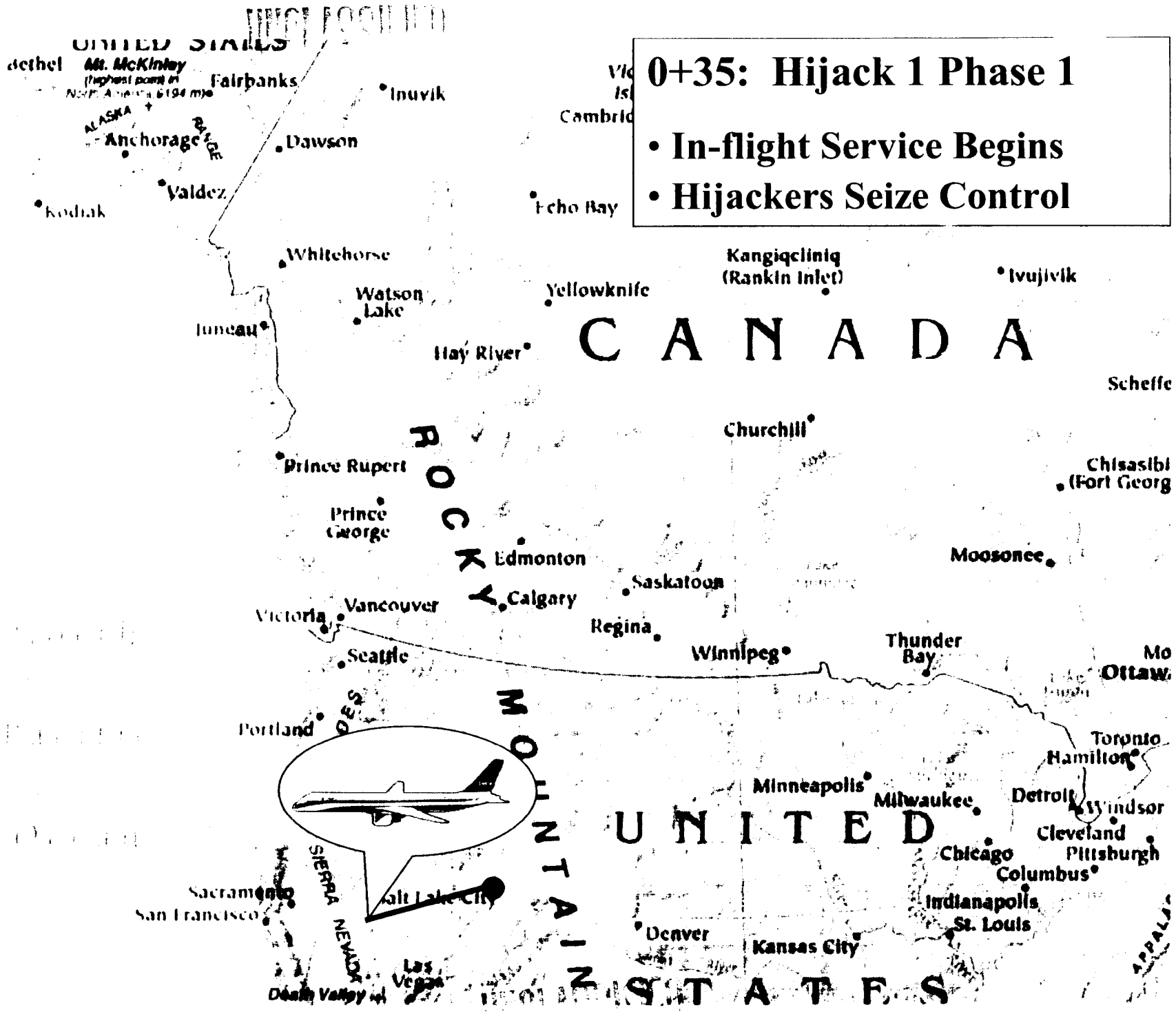
Security guards at the Umatilla Army Depot notice suspicious vehicle outside gate:

- Law enforcement are called to investigate but find vehicle abandoned
- Search of vehicle reveals radio gear, maps of Umatilla, power plants and dams in the northwest.
- Information reported through intel and LEA channels
- The vehicle had no license plates or registration

Injected by intel control cell as TALON Report

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0001 10011111

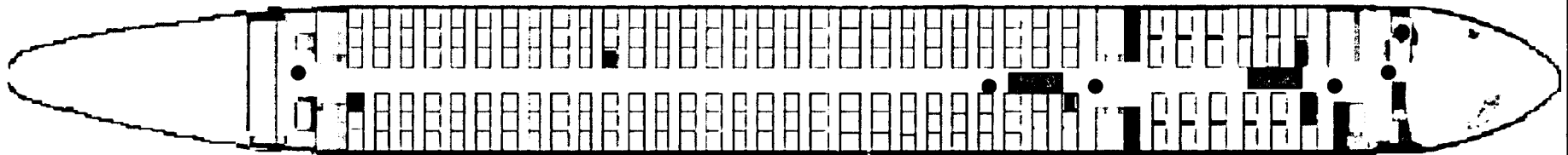


0+35: Hijack 1 Phase 1

- In-flight Service Begins
- Hijackers Seize Control

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MSEL 002: In flight Service Commences (0+35)

Flight attendant contacts flight crew via in-flight phone and notifies them:

- in-flight service to the passengers is commencing
- they will be bringing food and drinks to the cockpit shortly.

Injected by control cell on the aircraft via in-flight phone to captain

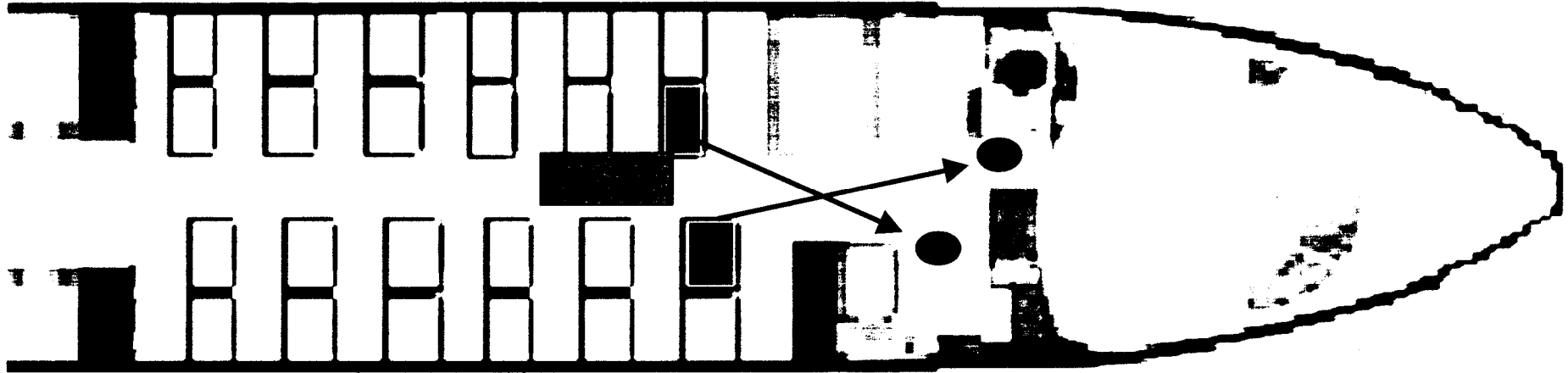
Additional info if required/requested

- additional attendant located forward as blocker
- carts in isles to restrict passenger movement

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MSEL 003: Hijacker Seize Control (0+40)

As flight attendant opens door:

- Blocking attendant tackled to ground
- Flight attendant entering cockpit is pushed through door, falling on center console
- Copilot is stabbed
- Door is bolted

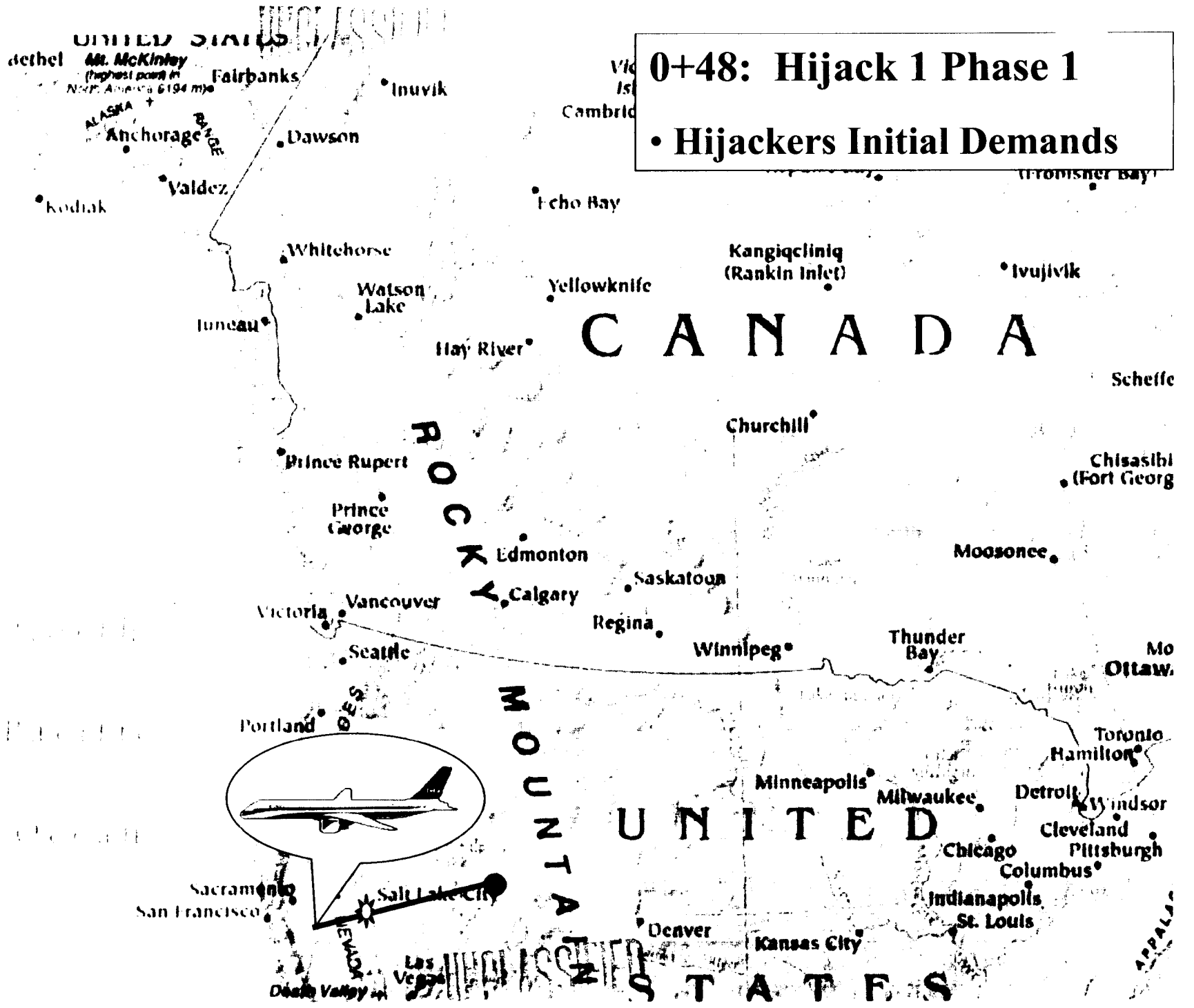
Injected by control cell onboard aircraft, description of events read to pilots

Additional Info:

- Blocking attendant suffers broken arm and dislocated shoulder, information only available if pilots call cabin crew for update.

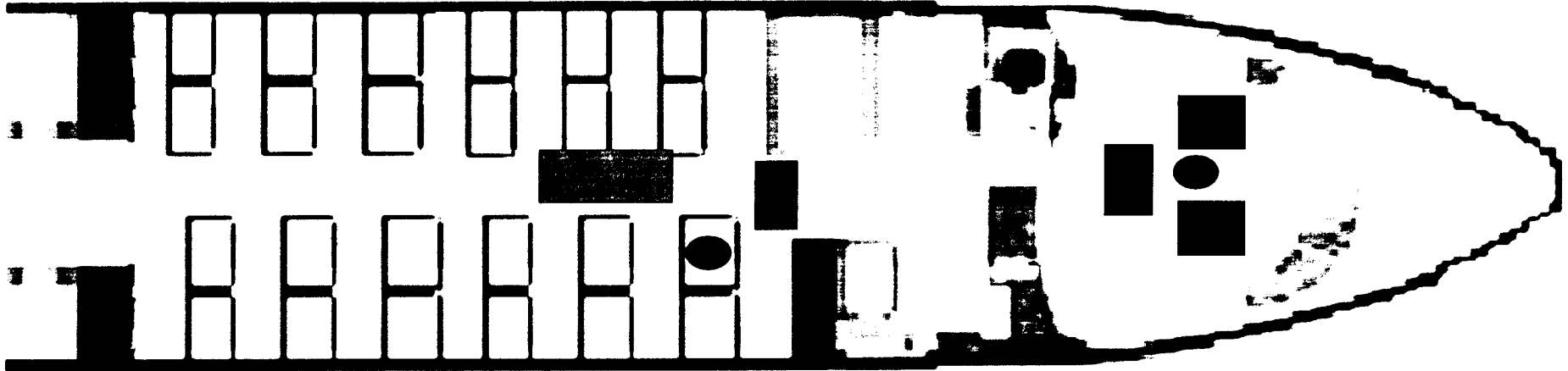
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0+48: Hijack 1 Phase 1
• Hijackers Initial Demands



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MSEL 004: Hijacker's Initial Demands (0+48)

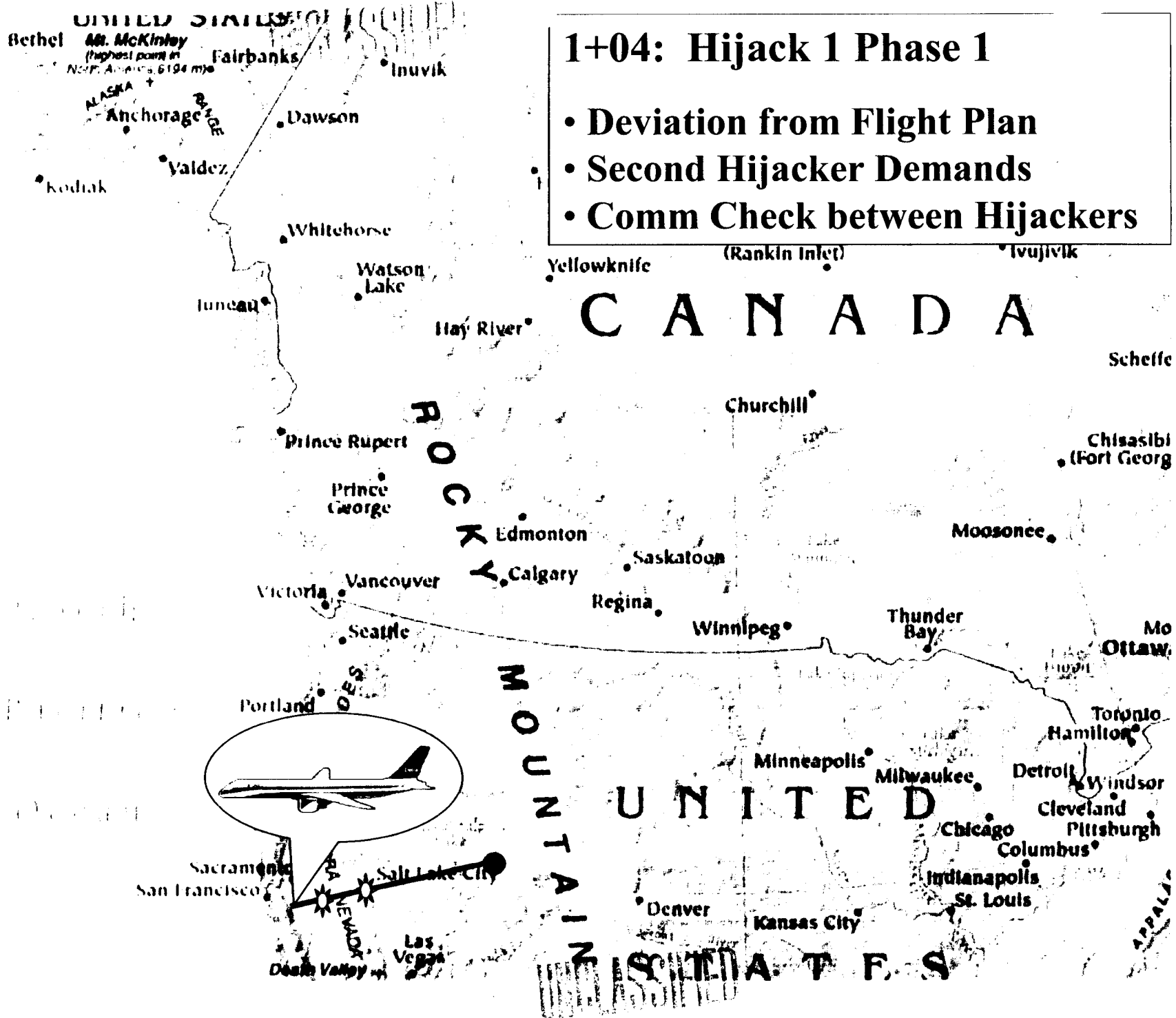
Hijacker in cockpit directs:

- Pilots to cooperate and no one gets hurt and they may retain control of aircraft
- Engage autopilot and place hands on dash
- Flight attendant to kneel on floor behind center console with arms extended out behind pilot seats
- Captain to make PA to direct passengers to cooperate and remain calm, and there are other hijackers aboard who will act if required

Injected by control cell as hijacker onboard aircraft

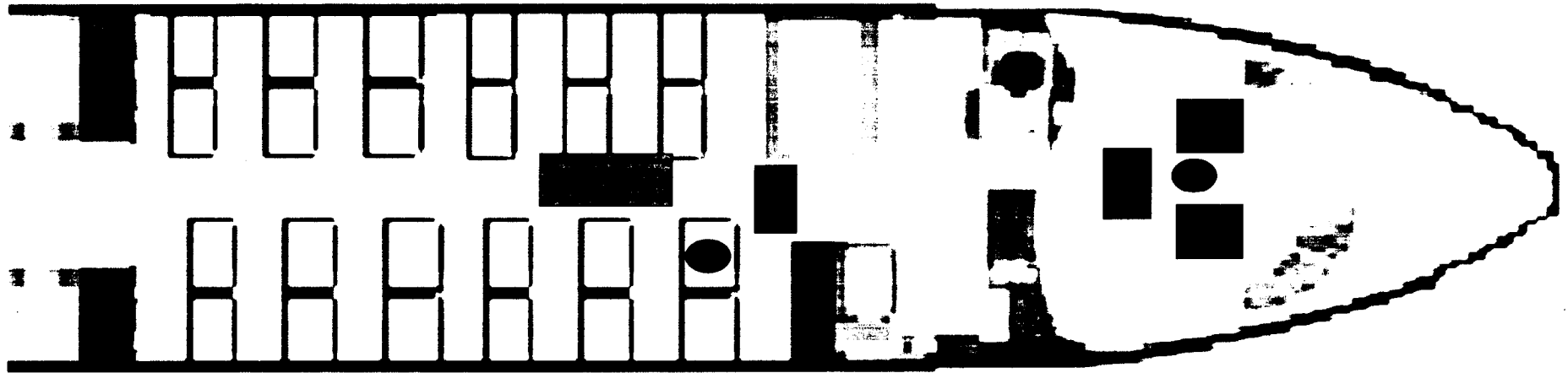
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MSEL 005: Track Deviation (1+04) at position 3642N 12046W

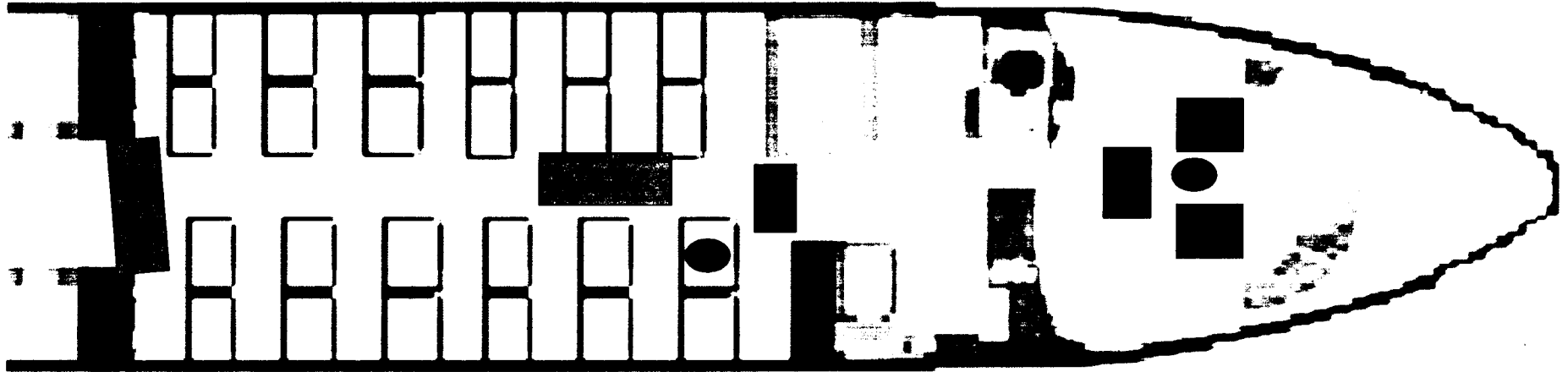
Hijacker directs pilot to turn north to heading 350

- If pilot asks destination – reply that it will be revealed in time
- If pilot wants to advise FAA let him/her but no info on situation
- If pilot attempts to change squawk to 7500 allow it for 2 minutes then direct exercise code XXXX
- Allow use of ACARS

Injected by control cell onboard aircraft

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MSEL 006: Second Hijacker Demands (1+10) inject once turn is complete

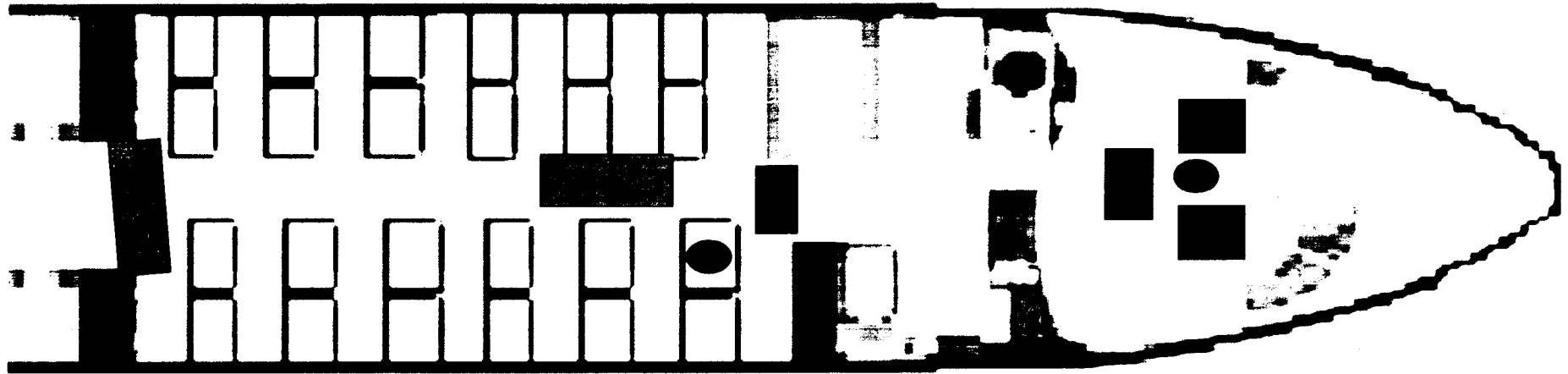
Hijacker demand the following:

- Pilot to reveal CB or controls to disable passenger oxygen
- Pilot to reveal how to depressurize aircraft
- Key to cabin portable oxygen bottles
- Direct flight attendants to place carts behind row 6, B, C

Injected by control cell onboard aircraft to pilot

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MSEL 007: Communications Check between Hijackers (1+15)

Hijacker asks status of the cabin:

- Hijacker in cabin says cabin is secure
- Hijacker in cockpit asks others to acknowledge with double clicks
- Three or four sets of double clicks are audible

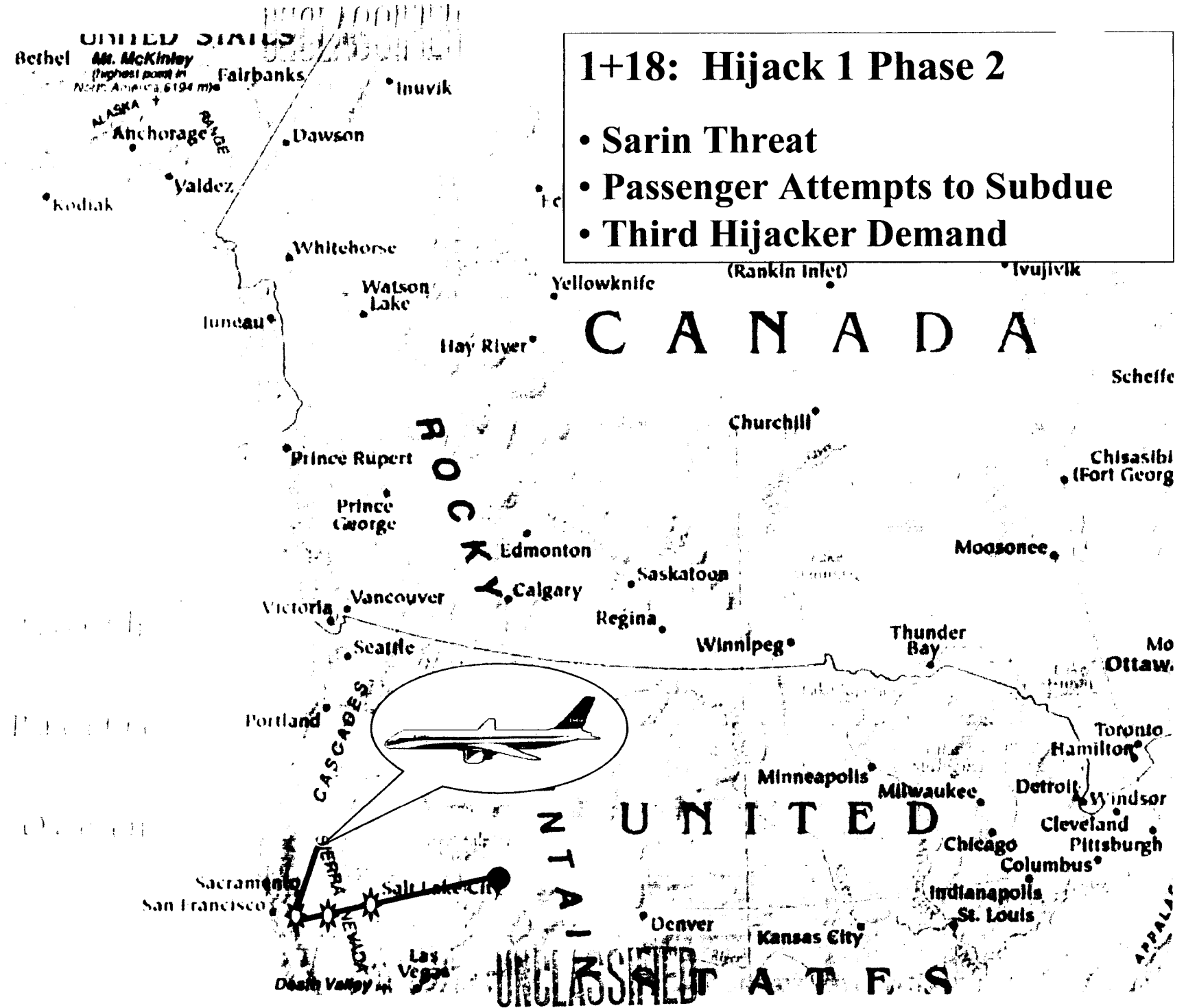
Injected by control cell onboard aircraft to pilot, may be use talkabouts to simulate

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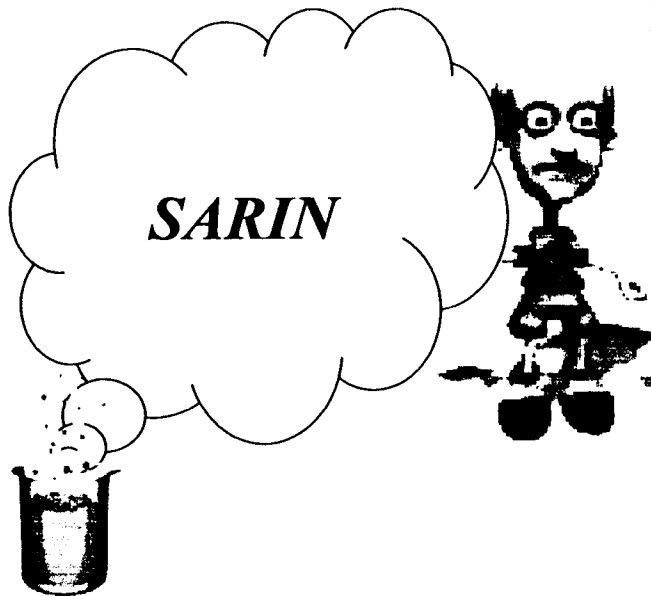
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1+18: Hijack 1 Phase 2

- Sarin Threat
- Passenger Attempts to Subdue
- Third Hijacker Demand



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MSEL 008: Sarin Gas Threat (1+18)

Call saying that the hijacked aircraft is carrying sarin gas and intends to crash:

- Media calls FBI office and says person called station and said hijacked aircraft has sarin and is going to crash

Injected by control cell as media

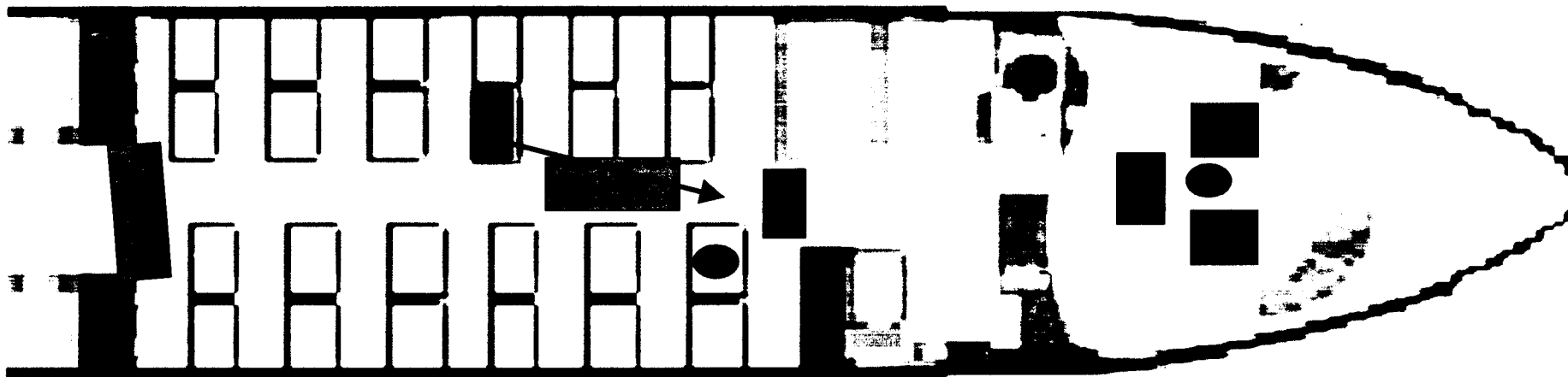
Additional Information

- This inject will remain unresolved until approximately Seattle at which point the FBI control staff simulating field offices will call in to SIOC and say that they have tracked the source to a local resident who has been suspected of making prank calls before. Threat is not credible.

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MSEL 009: Passenger Attempts to Subdue Hijacker (1+18)

Flight attendant contacts pilot via in-flight phone and says:

- Passenger in first class attempted to overtake hijacker in cabin
- Hijacker fought off passenger and passenger was injured
- Asks pilot to ask hijacker to allow them to attend to passenger

Injected by control cell onboard aircraft in cabin to pilot via in-flight phone

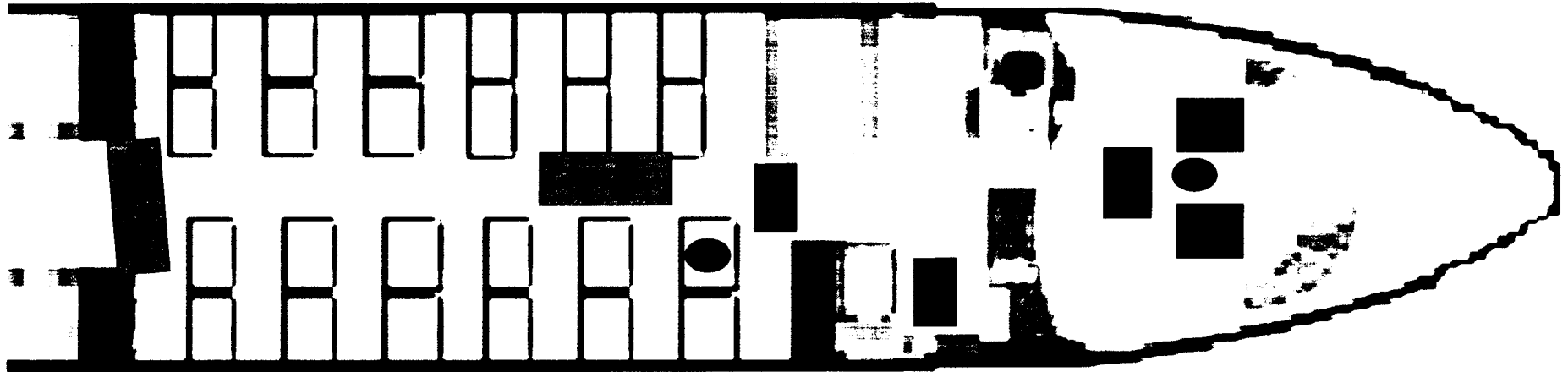
Additional information:

- Request will be denied all passengers to stay seated

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MSEL 010: Third Hijacker Demand (1+22)

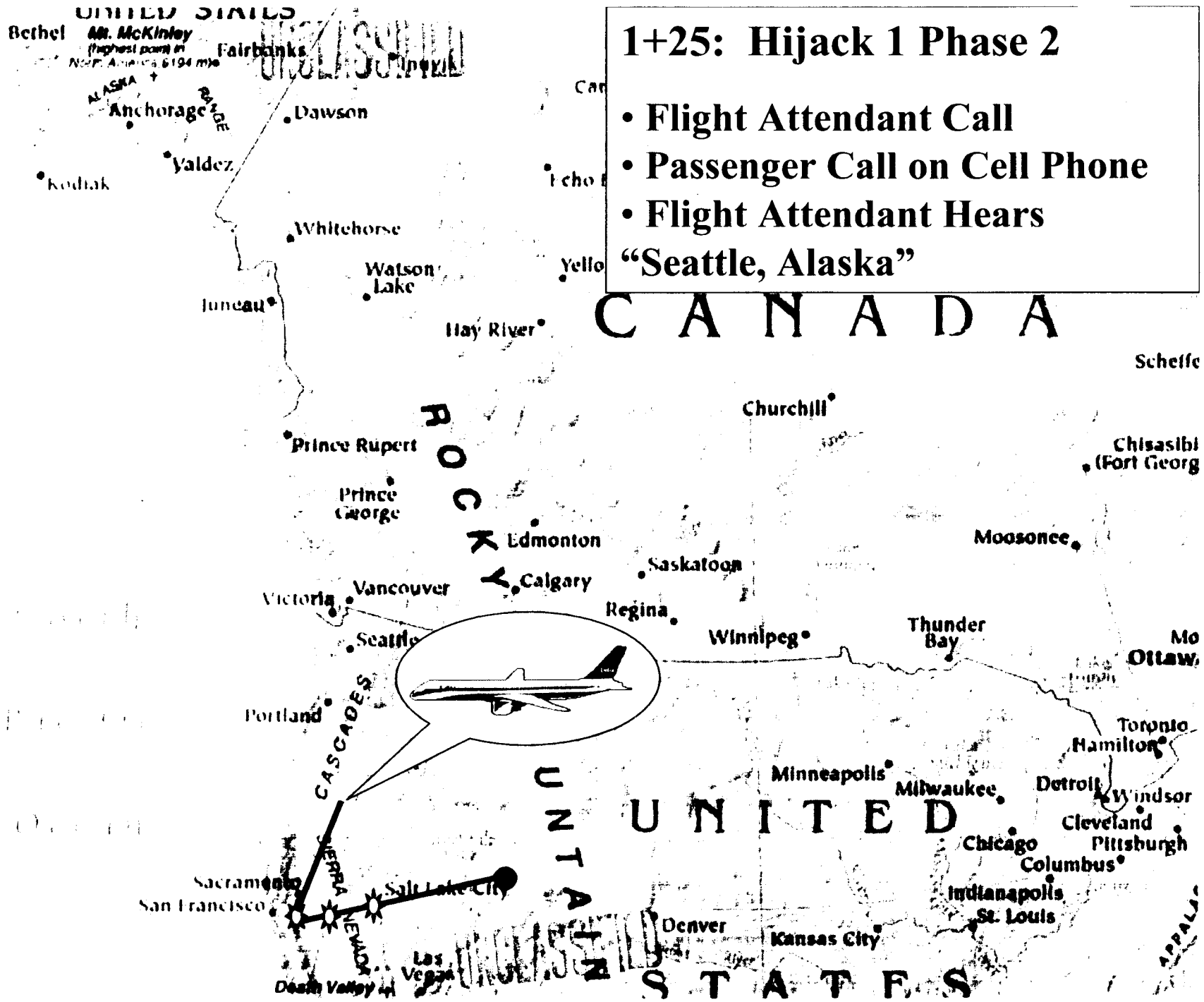
Hijacker orders pilot to read demands on the radio

- Meet demands and no one gets hurt
- Other demands will be revealed on the ground
- Hijacker group has devices planted at several significant locations in the US that will be activated if demands aren't met inflicting massive damage and killing many (Americans)
- Hijackers have no intention to take physical control of aircraft but will if necessary and do not fear death

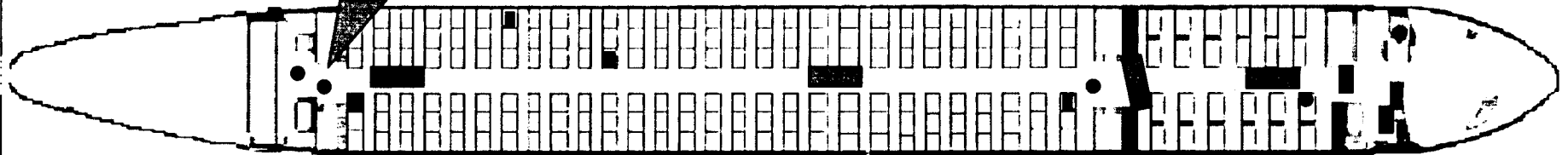
Injected by control cell, pilot to transmit over discrete frequency

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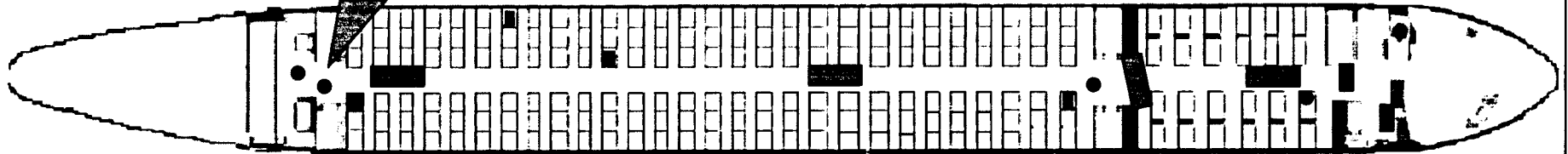
MSEL 011: Flight Attendant Calls Delta Ops Center (1+25)

Flight attendant calls Delta Ops Center and passes the following info:

- Aircraft hijacked
- At least one passenger and one crew member injured
- Doesn't know exactly how many hijackers but at least two, Captain PA said other sleepers
- Describes food carts in isles
- Can't get close enough to describe hijacker
- No guns visible
- Must end call for fear of being caught

Injected by _____ to Delta Ops Center

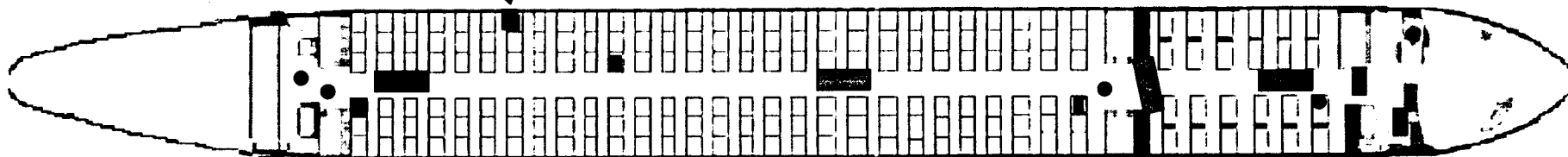
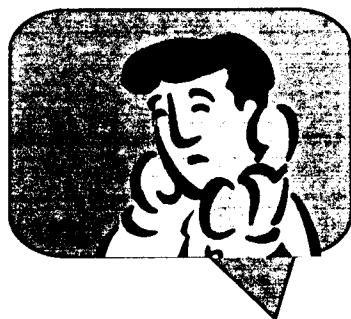
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MSEL 012: Flight Attendant Call (1+30)

- Flight Attendant calls Captain and passes the following info:
 - Carts in place as directed
 - Remainder of passengers are fine but concerned about elderly passengers
 - Only sees one hijacker located at the front of the aircraft
 - Many passengers on cell phones, heard words Seattle and Alaska but no details and doesn't know if it is relevant

Injected by control cell to cockpit via in flight phone.



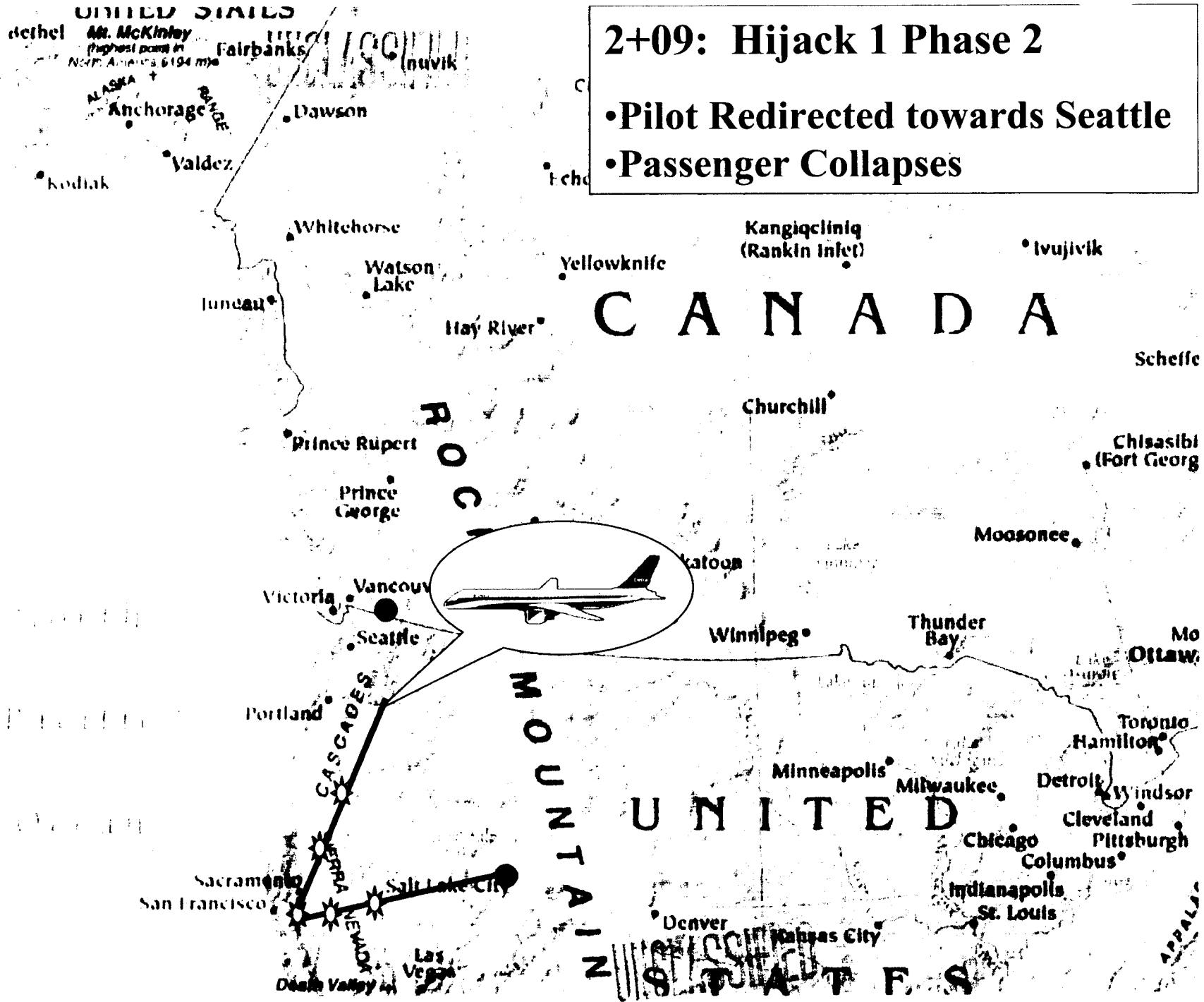
MSEL 013: Passenger Call (1+40)

- Relative contacts FBI field office and relays passes the following info
 - Husband called from aircraft and said plane was being hijacked
 - Passenger tried to fight back but was injured
 - One flight attendant is injured
 - Lots of old people
 - Heading north

Injected by FBI controller at SIOC to SIOC

2+09: Hijack 1 Phase 2

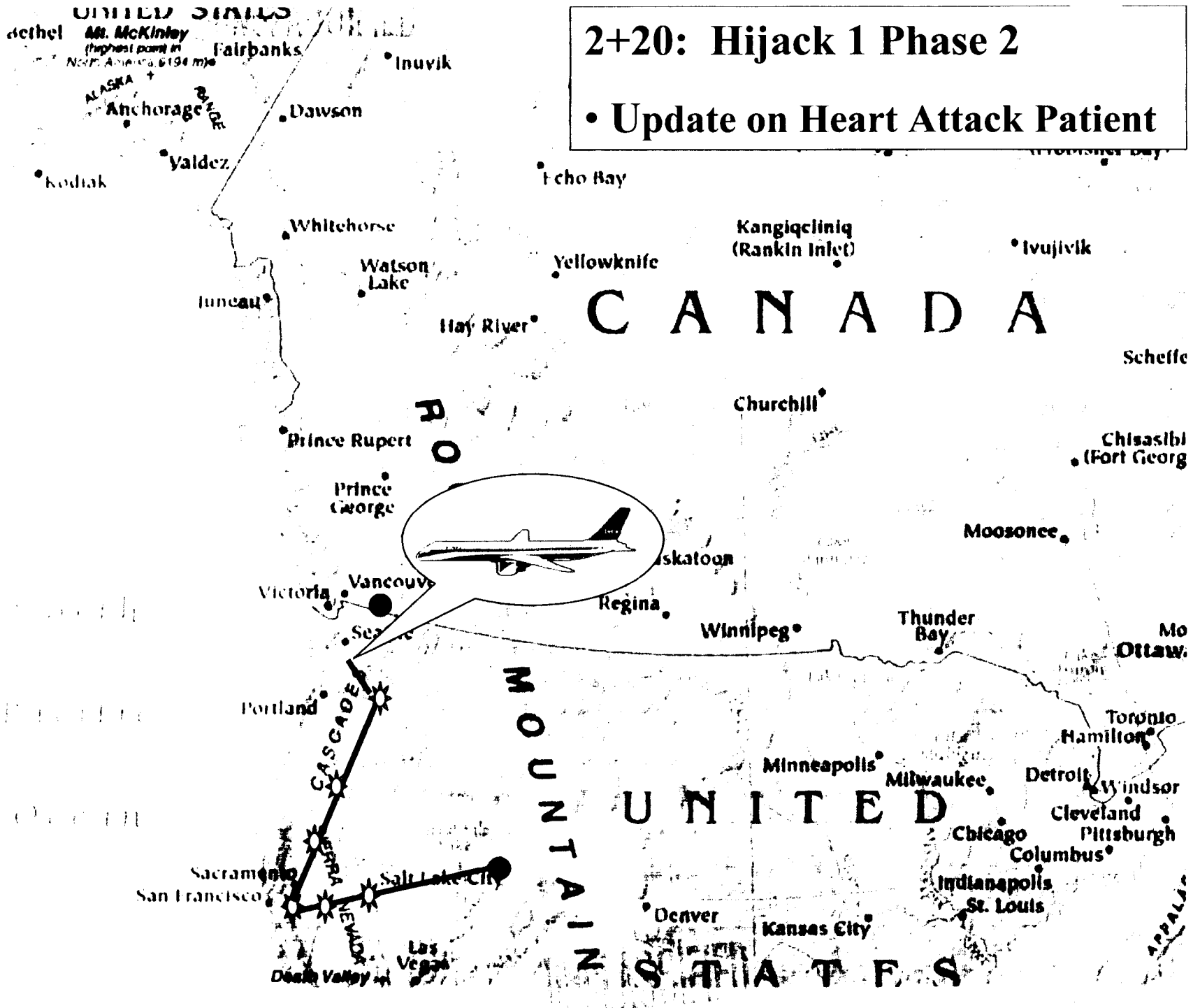
- Pilot Redirected towards Seattle
- Passenger Collapses



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2+20: Hijack 1 Phase 2

- Update on Heart Attack Patient

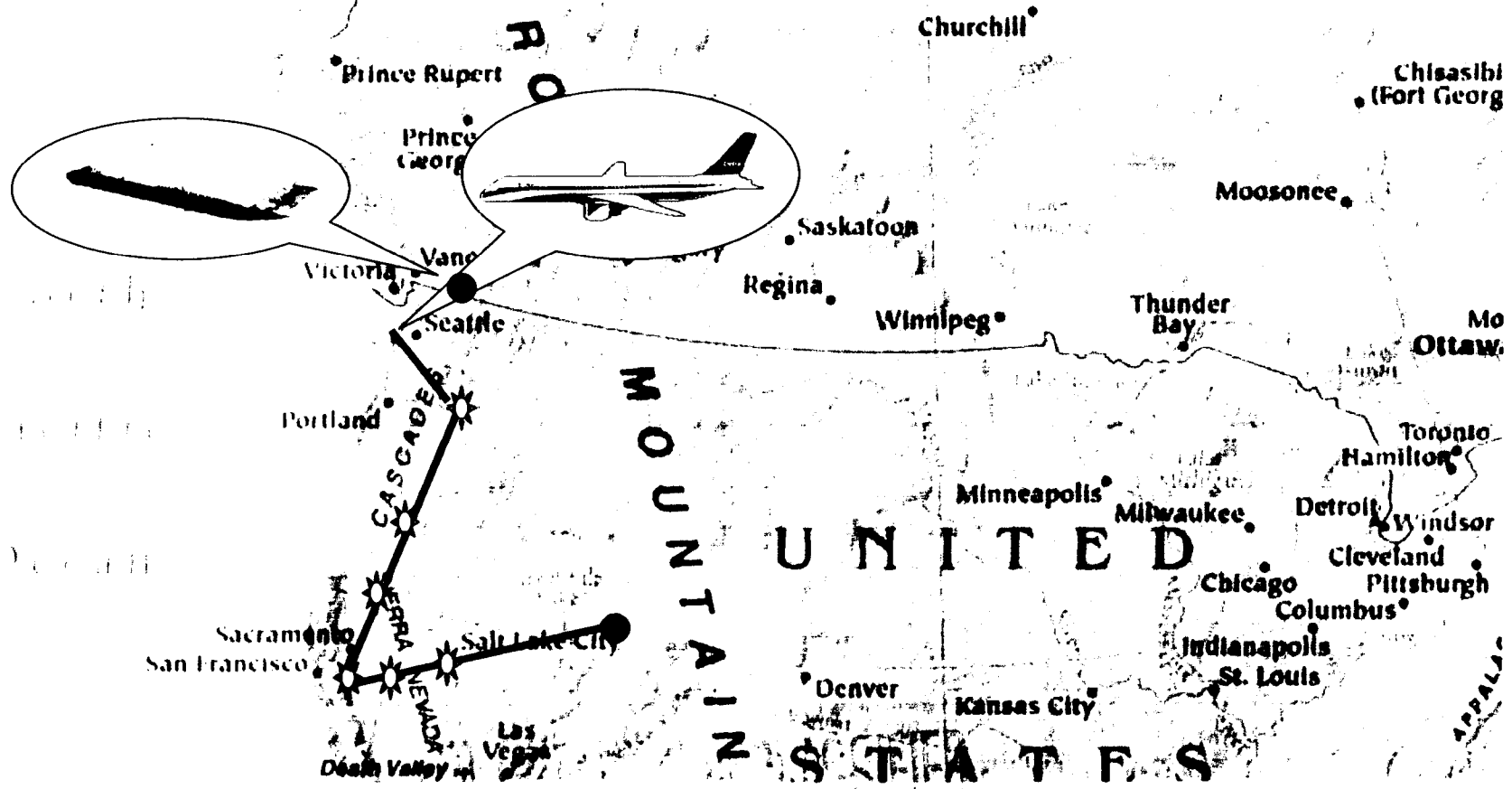


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UNITED STATES
 Bethel Mt. McKinley (highest point in North America 6194 m)
 Fairbanks
 Anchorage
 Valdez
 Kodiak
 Dawson
 Whitehorse
 Watson Lake
 Juneau
 Hay River

2+30: Hijack 1 Phase 2
 2+30: Hijack 2
 • Aircraft Departs

CANADA



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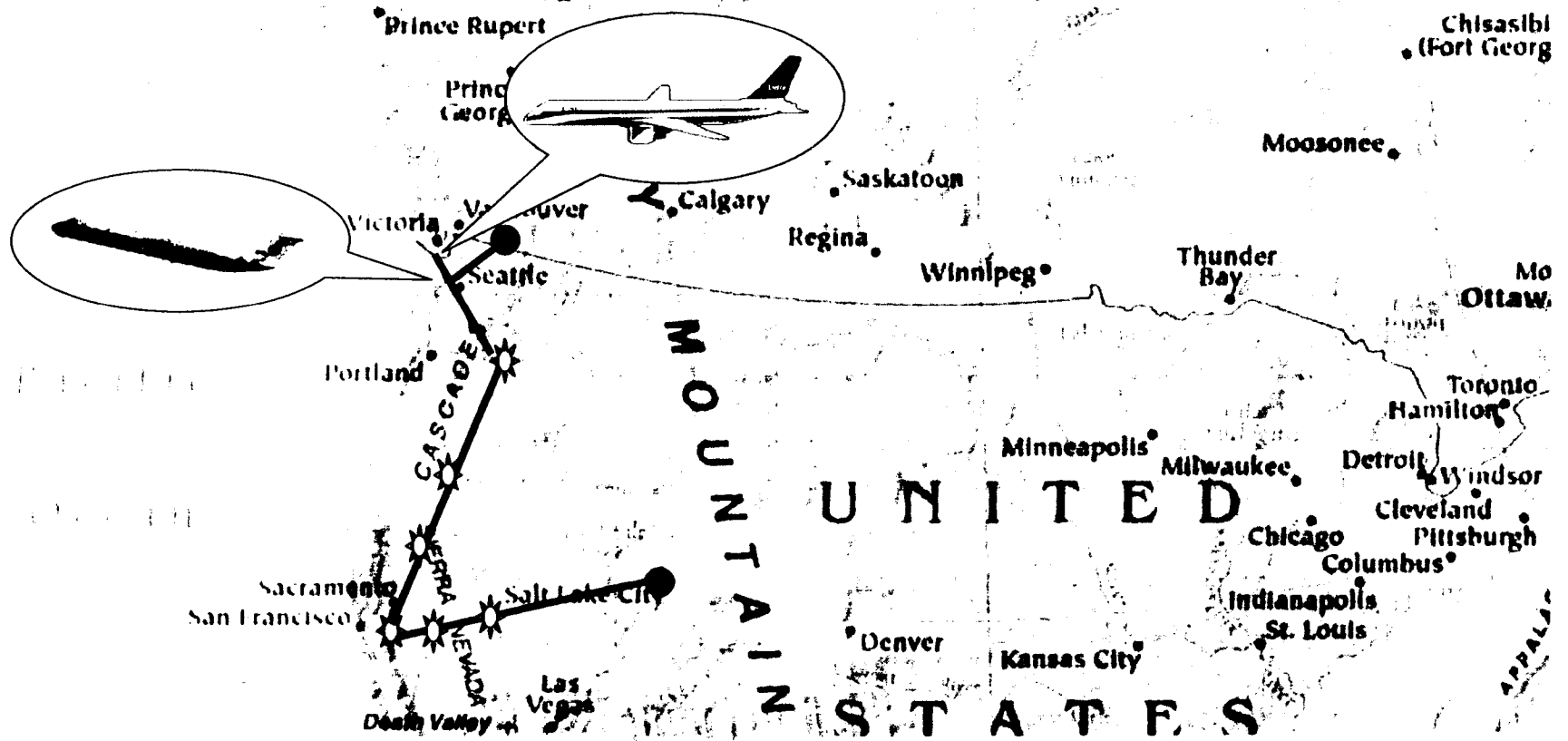


2+45: Hijack 1 Phase 2

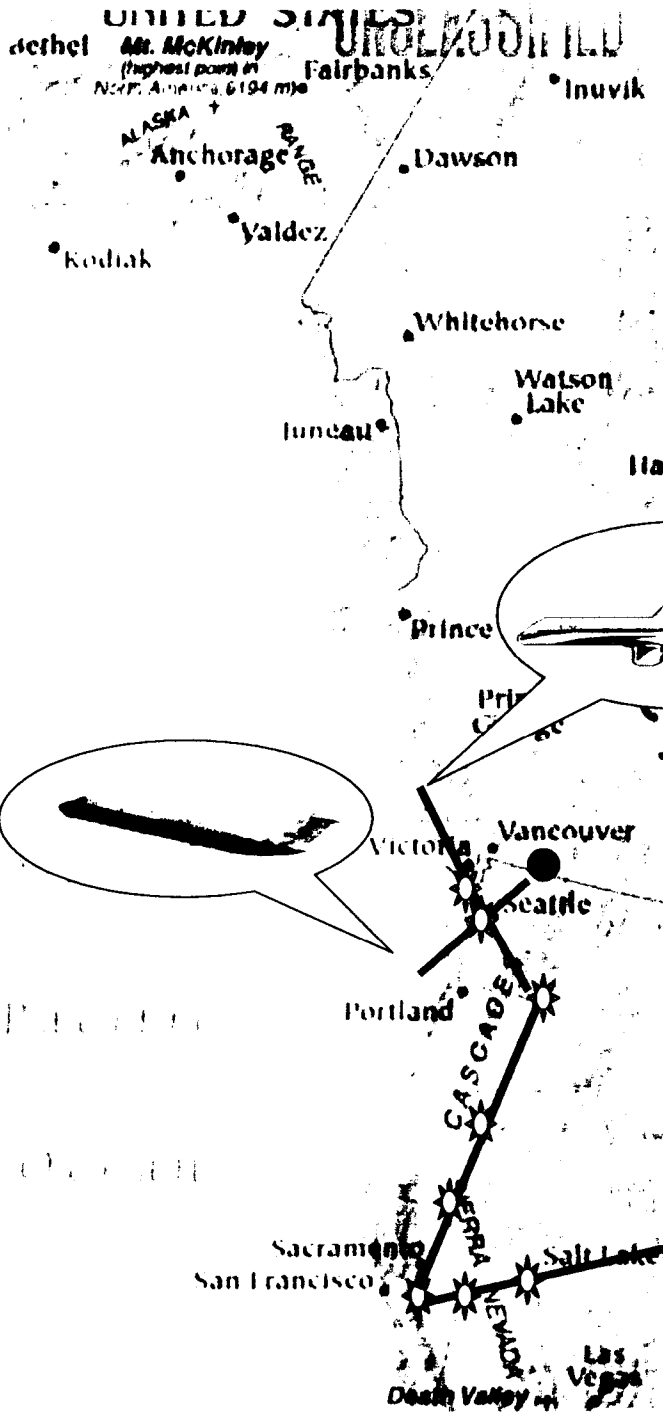
- Pilot Directed to ANC
- Flight Attendant Call to Delta

2+45: Hijack 2

- Passenger Activates Call Button
- Pilot Requests Level Off



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2+55: Hijack 1 Phase 2

2+55: Hijack 2 Phase 1

- Hijacker Takeover
- Aircraft Squawks 7700

NCT0024128

UNITED STATES
 Bethel Mt. McKinley
 (highest point in
 North America 6194 m)
 Fairbanks
 Inuvik
 Dawson
 Anchorage
 Valdez
 Kodiak
 Whitehorse
 Watson Lake
 Juneau

3+00: Hijack 1 Phase 2

3+00: Hijack 2 Phase 1

- Pilot Directed North



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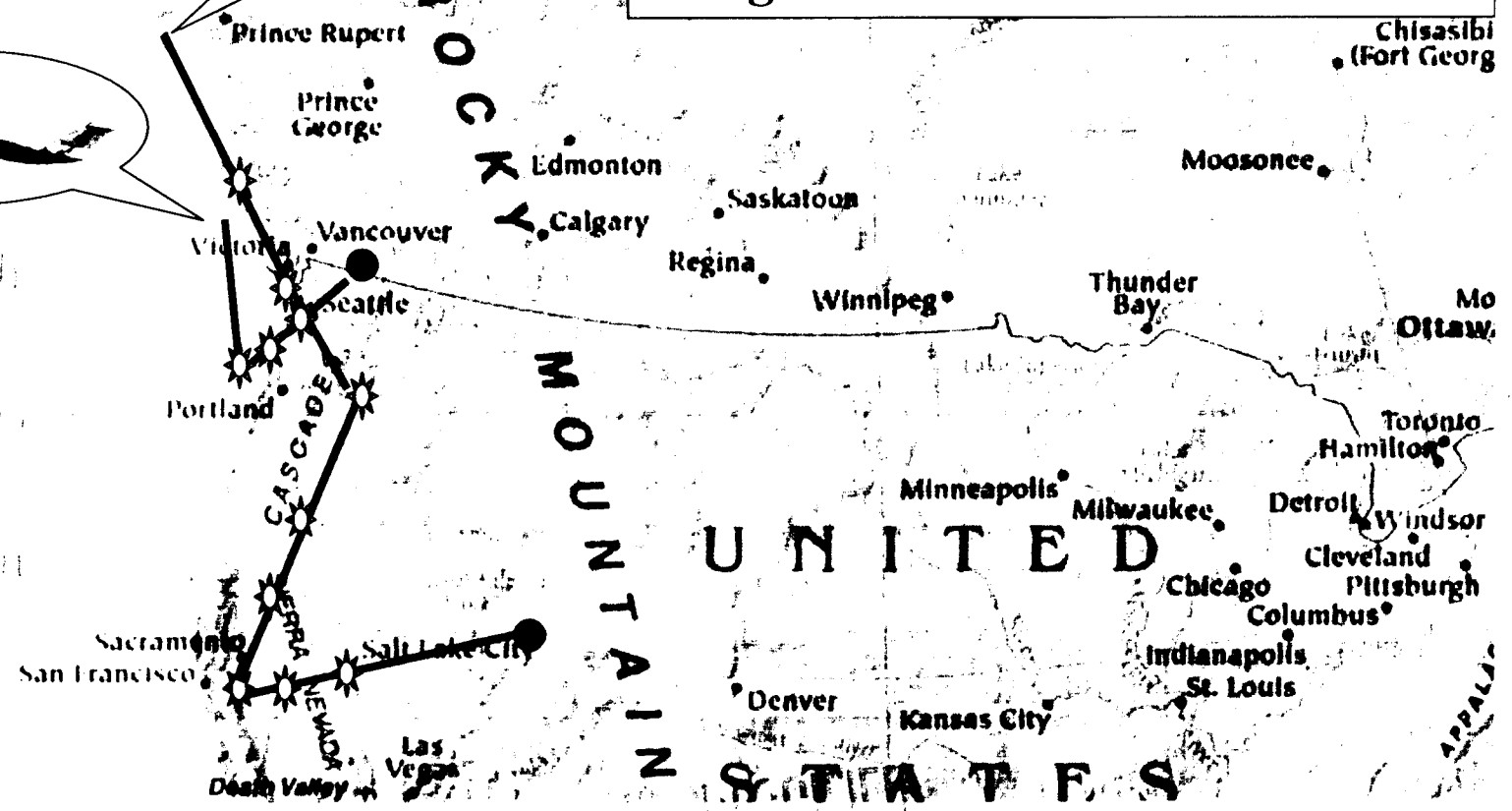
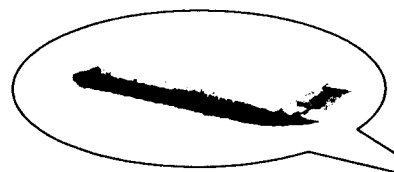
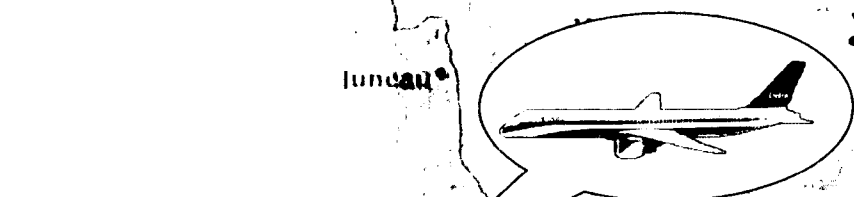
UNITED STATES
 Bethel Mt. McKinley (highest point in North America, 6194 m)
 Fairbanks
 Anchorage
 Kodiak
 Valdez
 Dawson
 Inuvik

3+34: Hijack 1 Phase 2

- Air Marshal Makes Move
- Flight Attendant Call to Delta
- Flight Attendant Calls Pilot
- FBI Resolve Sarin Threat

3+34: Hijack 2 Phase 2

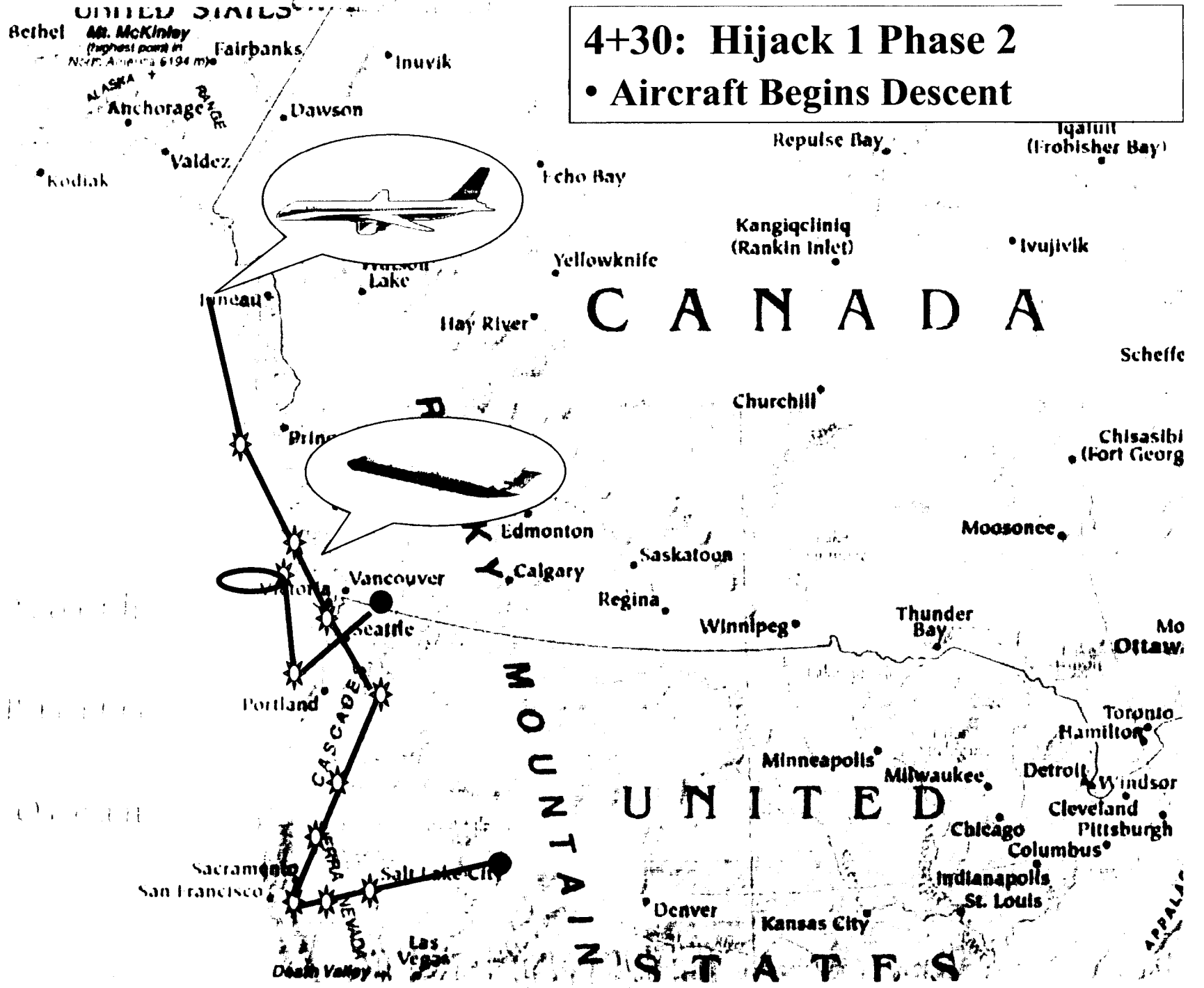
- Negotiations Commence



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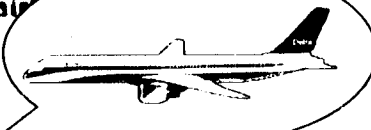
4+30: Hijack 1 Phase 2

- Aircraft Begins Descent



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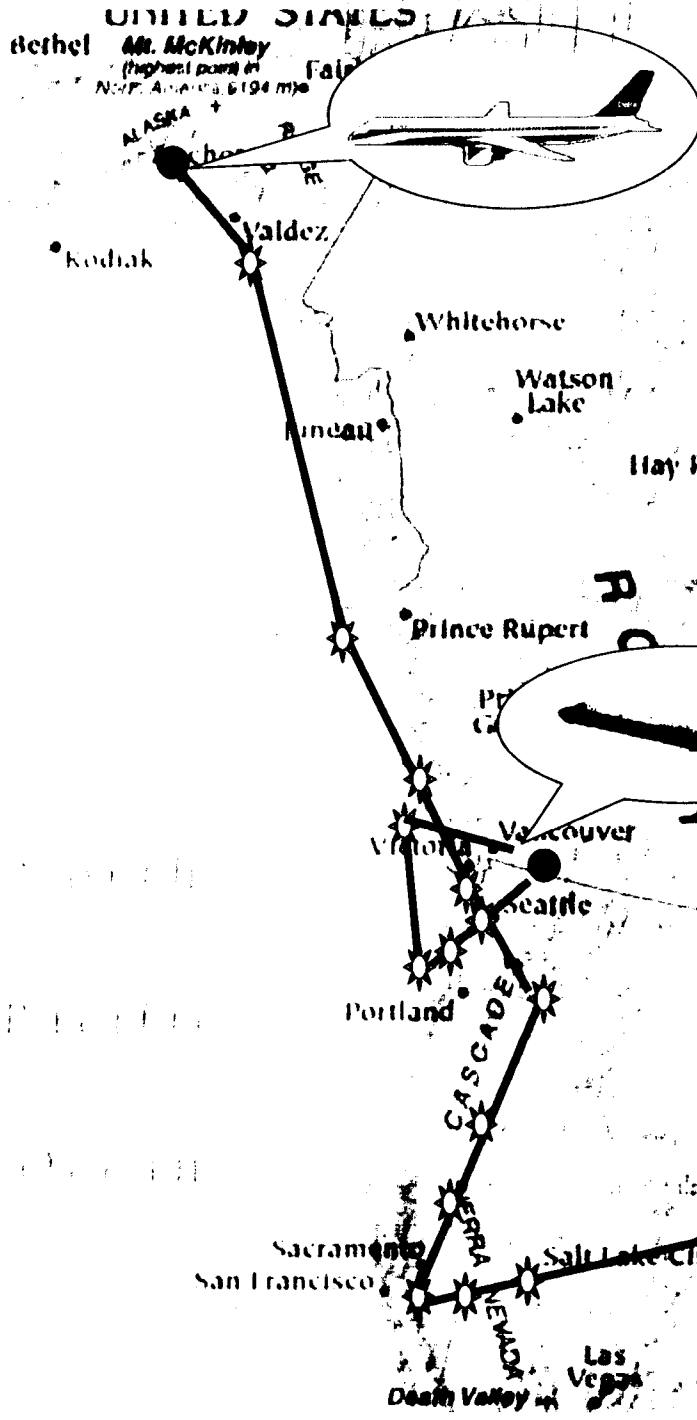
Bethel
 Mt. McKinley
 (highest point in
 North America 6194 m)
 Alaska
 Anchorage
 Fairbanks



4+48: Hijack 1 Phase 3
 • Pilots Regain Control of Cockpit



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5+08: Hijack 1 Phase 3

- Aircraft Lands Elmendorf

5+08: Hijack 2 Phase 2

- Aircraft Lands Vancouver

CANADA

UNITED STATES

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Significant Activity

- **Airborne Events**
 - **Delta Scenario**
 - **FBI as Hijackers**
 - **Camera Crews/Delta's Objectives**
 - **Open communication through FAA**
 - **VR61 Scenario**
 - **Open communication through FAA**
- **FEMA Reporting**
 - **Grand Coulee Dam Evacuation**
- **Ground Negotiations**
 - **Vancouver**
 - **Elmendorf**

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- **Public Affairs**
 - **Several agencies with different agendas**
 - **Active versus passive approach**
 - **Strong realistic guidance**

- **Open Comms with FAA**
 - **Enhance Scenario**
 - **Certain Level of Risk**
 - **PA approach reduces risk**
 - **Strict comm procedures**
 - **FAA response to query**

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Issues



- **Fighter Support**
 - **Fighter participation (post 9/11 impact)**
 - **Armed versus unarmed**

- **Lessons Learned**
 - **Post exercise conference with J3**

- **Internet Based Chat**
 - **Trial Unclas Internet chat**
 - **Connectivity with all agencies**

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Questions

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