OPERATION DEEP FREEZE

Michael Kehoe
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Michael.W.Kehoe@nga.mil
A Brief History of NGA Support
The Dangers of Undetected Crevasses

Photos from 1998 Flight Season

Photo courtesy of Graeme Howden, Engineer for New Zealand Air

UNCLASSIFIED
Collaborating Offices in NGA...

Office of Asia Pacific

Office of Global Navigation (PV)

GEOINT Foundation Office (S2)

PACOM NST

...Provide Support to:

109th AW (LC-130)

62nd AW (C-17)

US Coast Guard

U.S. Antarctic Program
Where we operate from
Weird Weather
PVM Support
Detecting Ice Edges With Radar
PVA Support of ODF

- Fifty terminal instrument approach procedures
- Collaboration with S2 for elevation data
- Continued support for Greenland training sessions
- Ensure safety of navigation for future C-17 South Pole operations and LC-130 deep camp “put-ins”
Terminal Instrument Approach Procedures

Production and Updates

Standardized DoD product increasing safety of navigation
Non-Standard Landing Sites.
Antarctic Landing Site Graphics (ALSG)
3-D Modeling
Austral Winter Training in Greenland
Mission Statistics

’06/’07 Season

- 375 Antarctic sorties
- 240 Greenland training sorties
- 10.1 million pounds of cargo
- 5500+ passengers
- 0 Accidents