

# AVIATION INFRASTRUCTURE ISSUES

PECC Air Transport Roundtable

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# **PROVISION OF AVIATION INFRASTRUCTURE**

**How vital is the provision of**

**Aviation Infrastructure  
in**

**The South Pacific ?**

# Appropriate Airfields & Services

Runway LENGTH

Runway WIDTH

Runway STRENGTH

NAVIGATION AIDS

FIREFIGHTING EQUIPMENT

GROUND HANDLING

FLIGHT INFORMATION

AIR TRAFFIC CONTROL

UPPER AIR SPACE

ETOPS

# PHYSICAL CHARACTERISTICS

- AIRPORT SITE & TERRAIN
- PERIMETER SECURITY
- PHYSICAL DIMENSIONS
- PHYSICAL STRENGTH
- AIRCRAFT PARKING
- BUILDINGS & SUPPORT SERVICES

# STRATEGIC LOCATION

- ALTERNATE AIRFIELDS
- ETOPS
- SIGNIFICANCE OF JOHNSTON ATOLL
- CHRISTMAS ISLAND ?
- HOW SUPPORT JUST IRREGULAR USE

# APPROPRIATE NAVIGATION EQUIPMENT

- NEED FOR NIGHT FLYING
- COMMERCIAL REASONS
- SCHEDULES
- EMERGENCY REQUIREMENTS

# **FIRE FIGHTING EQUIPMENT**

- MEET ICAO STANDARDS
- PERSONNEL TRAINING
- CHARGES – USER PAYS ?
- LEVEL OF USE – SHARED COSTS

# GROUND HANDLING FACILITIES

- Load and unload passengers and freight
- Refuel aircraft
- Provide a secure environment for processing passengers and freight
- January 1<sup>st</sup> 2006
- SARS and the next scare
- PASO & Security



# FLIGHT INFORMATION CONTROL OF UPPER AIR SPACE

- Contentious issues
- Providing quality information
- Technical Capacity
- Human Capacity Building
- Capturing efficiencies
- Clipping the ticket
- Maritime comparisons
- Joint Ventures ?

# CONCLUSIONS

- Inadequate infrastructure holds back aviation and aviation dependent businesses
- Security issues are global – cannot opt out
- There will be significant costs to comply and to keep up
- Leverage PASO and PIASA
- Cooperation only way to go