

# Aviation Outlook Pacific Island Airports

## Honolulu Airports District Office

Presented to: Pacific Aviation Directors Workshop

By: Ron Simpson

Date: March 26 - 29, 2007



Federal Aviation  
Administration



# Aviation Outlook Pacific Island Airports

## Airport Improvement Program Update:

- AIP Grant Funds for the Pacific Island Airports
- AIP Priority Ranking System
- AIP Performance Criteria
- ACIP Funding Strategy

# Aviation Outlook Pacific Island Airports

## FAA Outreach and Training Activities:

- Airports Program Workshops
- Airport Emergency Operations Training at Micronesia Airports
- Tabletop Exercises
- NTSB Mass Fatalities Workshops



# Micronesia Airports Eligibility for AIP

December 2003

Vision 100 – Airport Improvement  
Program Reauthorization Bill made  
Micronesia Airports eligible for  
discretionary funding under the AIP  
Program for Fiscal Years 2004 –2007.



# Airport Improvement Program

## Grant Funds for Airports in the Pacific

<b>FY-2002</b>	<b>\$76,358,196</b>
<b>FY-2003</b>	<b>\$89,767,666</b>
<b>FY-2004</b>	<b>\$102,796,375</b>
<b>FY-2005</b>	<b>\$120,908,238</b>
<b>FY-2006</b>	<b>\$70,693,036</b>
<b>FY-2007</b>	<b>\$111,076,103</b> <b>(projection)</b>



# Airport Improvement Program Grant Funds for Airports in the Pacific

## FY-2002

Entitlements \$52,014,044

Discretionary \$24,344,152

## FY-2003

Entitlements \$52,290,657

Discretionary \$37,477,009

## FY-2004

Entitlements \$48,791,062

Discretionary \$54,005,313

## FY-2005

Entitlements \$65,560,652

Discretionary \$55,347,586

## FY-2006

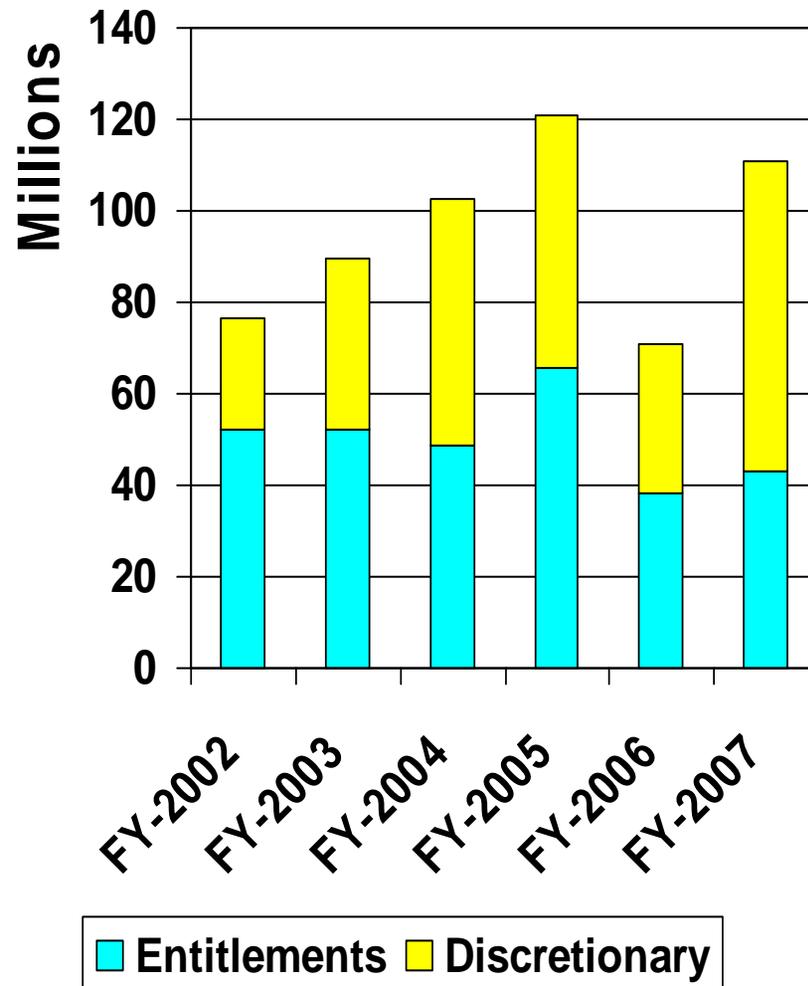
Entitlements \$38,419,109

Discretionary \$32,273,927

## FY-2007 (projection)

Entitlements \$43,005,103

Discretionary \$68,071,000



# AIP Discretionary Funds

AIP discretionary funds are limited and are distributed on a “competitive basis” based on the AIP Priority Ranking System and Airport Sponsor Performance.



# AIP Discretionary Funds

## AIP Priority Ranking System

### Priorities:

1. Safety – regulatory requirements
2. Reconstruction – infrastructure preservation
3. Standards – incorporate current FAA standards
4. Capacity Enhancement – increases capacity

# AIP Discretionary Funding Performance Criteria

Construction projects funded with AIP discretionary funds must have plans and specifications completed and ready for bid solicitation so that the AIP grant can be issued based on construction bid prices.

# AIP Discretionary Funding Performance Criteria

Projects funded with AIP discretionary funds must be underway within six (6) months from the date the AIP grant is signed.

# AIP Discretionary Funding Performance Criteria

In making AIP discretionary funding decisions, the FAA is required to consider whether funding has been provided for all other “higher priority” projects.

# AIP Discretionary Funding Performance Criteria

Projects funded with AIP discretionary funds must be physically and financially completed within four (4) years from the date of the AIP grant.

# AIP Discretionary Funding Participation Rates

For Pacific Island Airports:

- Federal share **95%** of eligible costs
- Sponsor share **5%** of eligible costs

Except Honolulu and Kahului Airports  
where the participation rate is:

- Federal **75%** / Sponsor **25%**

# ACIP Funding Strategy

Based on AIP Priority System:

1. ARFF Vehicles and Equipment
2. Pavement Rehabilitation – including upgrades to Airfield Marking, Lighting and Signage
3. Construct ARFF Buildings
4. Perimeter Fencing

Objectives:

1. Class III Airport Compliance

# ARFF Vehicle Acquisition

We are funding new generation ARFF vehicle acquisition throughout the Pacific Region.

Micronesia ARFF vehicle acquisition contract underway, administered by Commonwealth Ports Authority.

ARFF Auxillary Equipment acquisition contract underway for Micronesia Airports.



# RIV ARFF Vehicle Acquisition

The Pacific Region ARFF Training Center has received the new generation RIV ARFF vehicle with Quad-agent technology.

American Samoa and Hawaii will receive new generation RIV ARFF vehicles with Quad-agent technology for their Class III Airports.



# Pavement Rehabilitation

- Saipan Runway
- Guam Runway and Taxiway Extensions
- Pago Pago Runway (8/26)
- Palau Runway
- Majuro Runway
- Pohnpei Runway
- Kosrae Runway and Terminal Apron
- Chuuk Runway and Terminal Apron
- Yap Terminal Apron



# Majuro International Airport



# Palau International Airport

# Pago Pago International Airport





# ARFF Building Construction

- Palau
- Majuro
- Pohnpei
- Chuuk
- Yap
- Kosrae
- Molokai
- Lanai
- West Tinian
- Fitiuta
- Ofu





# Saipan International Airport



# Guam International Airport



# Pago Pago International Airport

# Micronesia Airports Eligibility for AIP

## Airport Improvement Program

Reauthorization hearings are being conducted by Congress.

If AIP eligibility is extended beyond 2007 for Micronesia, what will be your airport development priorities?

# Micronesia Airports Eligibility for AIP

If AIP eligibility is extended beyond 2007, the FAA plans to fund:

1. Airport Master Plans & System Plans
2. Airport Maintenance Plans
3. Water Rescue Plans
4. Wildlife Hazard Management Plans
5. Conduct Obstruction Surveys
6. Outer-island Airport Improvements

WHO IS THIS GUY?



# FAA Outreach and Training Activities

- Airports Program Workshops
- Airport Emergency Operations Training at Micronesia Airports
- Table-top Exercises
- NTSB Mass Fatalities Workshops



# Airports Program Workshops

Workshops have been conducted:

- Airport Compliance
- Airport Safety and Operations Specialists (ASOS)
- AIP Back-to-Basics (AIP-101)
- FAR Part 139 Airport Certification
- AIP Next Steps
- AIP Project Procedures
- AIP Program Guidance & Certification

# Airports Program Workshops

July 2003

Conducted Airport Sponsor Compliance Workshop at Honolulu International Airport to cover airport sponsor obligations and grant agreement assurances.

Hosted by the State of Hawaii.





# Airports Program Workshops

October 2003

Assisted the American Association of Airport Executives (AAAE) in conducting an Airport Safety and Operations Specialist (ASOS) course in Honolulu.

Hosted the Micronesian airport representatives for a Back-to-basics Course in the Airport Improvement Program (AIP-101).



## Airport Safety and Operations Specialists Course October 2003

# Airports Program Workshops

July 2004

Conducted FAR Part 139 Certification Workshop at Honolulu International Airport to cover the new requirements of revised FAR Part 139 that became effective in June 2004.

Hosted by the State of Hawaii.



## FAR Part 139 Certification Workshop

July 2004





# Airports Program Workshops

April 2005

In conjunction with the 2005 Pacific Aviation Directors' Workshop, conducted an AIP Next Steps Workshop for the Micronesian airport representatives.

Co-sponsored with the Commonwealth Ports Authority.



## AIP Next Steps Workshop

### April 2005





# Airports Program Workshops

January 2006

Conducted an AIP Project Procedures Workshop for the Micronesian airport representatives.

Co-sponsored with the Commonwealth Ports Authority.

Hosted by the Pohnpei Ports Authority.



# **FAA Airport Improvement Program Procedures Workshop Pohnpei, FSM January 25-27, 2006**





# Airports Program Workshops

January 2007

Conducted an AIP Program Guidance & Certification Workshop for the Micronesian airport representatives.

Co-sponsored with and hosted by the Commonwealth Ports Authority.



# WELCOME

Federal Aviation Administration

## AIP PROGRAM GUIDANCE & CERTIFICATION WORKSHOP

JANUARY 22-25, 2007

AZUCENA II, FIESTA RESORT

SAIPAN, CNMI



*Hafa Ādai*

*TIROW WŌŌMI*

**ALOHA**

**Āli**

*Iokwe*

*Kaselelia*

*Rananim*

*Mukatin*

*Lenwo*









# AIP Program Guidance & Certification Workshop

## Challenges Ahead

- Manage your contracts
- Keep projects on schedule
- Need project bids early as possible
- Ensure best quality projects
- Ensure safety is maintained
- Make timely payments
- Prepare recordkeeping for audits

# AIP Program Guidance & Certification Workshop

- FY-2007 final year of AIP eligibility for Micronesia airports.
- We plan to fund all construction projects that have construction bid prices to base the grant amount on.
- We need to have ARFF Building bids by **March**.
- We need to have all other AIP project bids by **June 1st**.

# AIP Program Guidance & Certification Workshop

IOU from AIP Program Guidance and Certification Workshop.

I have CD's available with the PowerPoint presentations from the AIP Program Guidance & Certification Workshop for the Micronesian airport representatives, and others that attended the Workshop.

# Airport Emergency Operations Training

- Airport Emergency Planning
- Incident Command System
- Emergency Operations Center
- Table Top Exercises
- Airline Family Assistance Plan
- NTSB Role and Coordination
- Full-scale Disaster Exercise
- Formal Evaluation and Critique



# Airport Emergency Operations Training

## Training Team:

- Chief Stanley Torres, CPA
- Chief Martinez Jacobs, HDOT
- Nicole Charnon, NTSB

## Industry Partner:

- Ralph Freeman, Continental Air  
Micronesia





Airport Emergency Operations Training  
Kosrae, FSM  
May 2004



**Airport Emergency Operations Training  
Chuuk, FSM  
September 2004**



# Airport Emergency Operations Training

## May 23-26, 2005

### Yap, FSM





# Palau Airport Emergency Operations Training October 3-7, 2005



# Airport Emergency Operations Training Majuro - April 2006





# Airport Emergency Operations Training Pohnpei - October 2006

# Airport Emergency Operations Training

Planned Schedule for 2007:

Kosrae – June 11 – 15, 2007

Chuuk – August / September 2007

# Airport Emergency Operations Training

## Tabletop Exercises:

In October 2006, FAA sponsored an  
Emergency Operations Tabletop  
Exercise on Palau.

Supported by the Palau National  
Emergency Management Office





# NTSB Workshops

## Mass Fatalities Workshop

Presented by Nicole L. Charnon,  
National Transportation Safety  
Board (NTSB) Air Safety Investigator

Sponsored by the FAA



# NTSB Workshops

Mass Fatalities Workshop covers:

- NTSB Roles and Responsibilities
- Disaster Preparedness for First Responders, Airport, & Airlines
- Accident Investigation Support
- Airlines Responsibilities for Family Assistance
- Guidance for Morgue Set-up for Mass Casualties



# Aviation Outlook

## Pacific Island Airports

The Honolulu Airports District Office is committed to providing quality workshops and training to the Pacific Island airport sponsors to provide guidance in administering the AIP and airport safety, certification and compliance programs.



# Aviation Outlook

## Pacific Island Airports

The Honolulu Airports District Office is committed to working with the Pacific Island airport sponsors to develop the best strategy to ensure maximum utilization of AIP funds for airport infrastructure development to meet the needs of the Pacific Island airports.

# One-on-One Sessions

The one-on-one discussions will take place immediately following each day's presentations.

Monday – Marshall Islands

Tuesday – F. S. M.

Wednesday – Palau

# One-on-One Sessions

Invited to Join the One-on-One Sessions:

- Airline Representatives - to discuss airport safety concerns.
- NWS & FAA ATO – to discuss SWARS integration into ARFF buildings.

# Honolulu Airports District Office Contacts

Ron Simpson, Manager HNL ADO (808)541-1232  
Mack Humphery, Cert. Inspector (808)541-1243  
Gordon Wong, Project Manager (808)541-3565  
Steve Wong, Project Manager (808)541-1225  
Carissa Unpingco, Project Manager (808)541-1242  
Donna Ajifu, Program Analyst (808)541-1231  
Cyrilla Yonehara, Mgmt. Assistant (808)541-1232



?? ANY QUESTIONS ??

# MAHALO NUI LOA

