

Minutes of Meeting

ACP Board Meeting, September 23, 2010
Boeing India, DLF Center, 3rd Floor, Sansad Marg,
New Delhi-110001

Time: 1700 – 1830 hrs. (IST)

1. Agenda:

- i. Briefing from ACP Co-chairs
- ii. Dashboard of Projects & Proposals
- iii. Status of Projects & Proposals
- iv. Suggestion for new ACP Projects
- v. AAI Suggested Projects
- vi. ACP Projects 2010
- vii. Update on Memberships
- viii. ACP Magazine “Shared Horizons” Issue-2
- ix. Round the Room

2 Attendees:

A. The following Members attended the meeting in person:

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| 1. Dr. Dinesh Keskar | Boeing | President - Boeing India & ACP Co-Chair (Industry) |
| 2. Dr. Arjun Singh | ACP | Program Director |
| 3. Mr. Terry Glover | Bell Helicopter | Chief Production Pilot (Military Aircraft Assembly Center) |
| 4. Mr. Frank Binnekade | IBM | GM, Travel & Transport Solutions |
| 5. Mr. Atul Singh | IBM | Managing Consultant – Global Business Services |
| 6. Ms. Swati Rangachari | Boeing | Director – Communications |
| 7. Mr. Pritam Bhavnani | Honeywell | President – Honeywell Aerospace, India |
| 8. Mr. Priyanshu Singh | Honeywell | Director – Marketing & Strategic Planning India |
| 9. Mr. Ajay Kumar | FAA | Civil Aviation Specialist {South Asia} |
| 10. Ms. Lola Gulmova | US-CS | Commercial Officer |
| 11. Mr. Yash Kansal | US-CS | Sr. Commercial Specialist |

B. The following members attended the meeting on teleconferencing:

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| 1. Dr. Kalpana Jain | Hi-Tec | Vice President–Education & Training |
| 2. Ms. Linda Sollars | Hi-Tec | Director, Aviation Safety & Next-Gen Programs |
| 3. Mr. Howard Nesbitt | Hi-Tec | Advisor |
| 4. Mr. Thomas P. Trueman | Hi-Tec | VP, FAA Program |
| 5. Mr. Ross Burton | CSSI | Vice President Aerospace Division |
| 6. Mr. Ned S. Reese, Ph. D. | WCG | Vice President – Air Traffic Programs |
| 7. Mr. Chris Benich | Honeywell | Director – Civil Aviation Govt. Relations |
| 8. Mr. Sarah Shapiro | USTDA | Country Manager – India |
| 9. Mr. Michael R. Tetreault | Pratt & Whitney | GM, Commercial Engines & Global Services |
| 10. Mr. Vivek Saxena | Pratt & Whitney | Country Manager |
| 11. Ms. Mimi L. Dobbs | MITRE | Program Director – Asia Pacific |
| 12. Ms. Deepa Das | FedEx | Sr. International Legal Advisor |

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| 13. Ms. Bernice Valantinas | Pro-Mark Associates | Vice President & COO |
| 14. | | |
| 15. | | |

3 Points of Discussion

Dr. Dinesh Keskar, ACP Co-Chair (Industry) kicked-off the ACP Board Meeting on 23rd September 2010 and welcomed the ACP members. He briefed about the ACP over all activities and further emphasized on few points to **“Take ACP to the Next Level”**.

- i. Revised ACP **“Road-show Presentation”** is uploaded on the ACP website (www.acp-india.com) in the “downloads” section for quick reference.
- ii. Presentations by ACP member companies during the Board Meeting (to brief the group on their company’s profile & mission): In this meeting MITRE briefed about their company profile and products.

4. Dashboard of Projects & Proposal

Dr. Arjun Singh, Program Director-ACP reviewed the “Project Status” and briefed to members. Overall, ACP is doing well from a project perspective. Regarding project status, project under process in USTDA and project under consideration, please refer to the four square charts presented in the ACP Board Meeting.

4.1 Projects underway

a. Technical Training for Aerospace Industry is approved ACP project and now New Team Lead is Hi-Tec Systems, Dr. Kalpana Jain, Vice President (Education and Training), is the key person for this project. The status of the project is hereunder:

- i. Grant offer letter to Hi-Tec Systems for Technical Training for Aerospace Industry is in the process by USTDA. It will be delivered to Hi-Tec Systems shortly.
- ii. Contract Agreement has been reviewed by Hi-Tec which will be shortly sent to DGCA for review and further course of action.

b. Helicopter Aviation Safety Technical Assistance – Bell Helicopter has informed to ACP Board that they will get Helipad drawing from M/s Jacob Engineering for Delhi & Mumbai airport.

c. AAI ATCO Manpower Assessment [AAI Cost Share]:

This project Contact Agreement is expected to be signed in the mid week of October 2010 between WCG & AAI as per USTDA..

4.2 Proposal under Processing

a. Technical, Management, & Operational Development Training [TMODT]:

Hi-Tec Systems has sent the initial reply to Desk Study Team of USTDA which was raised on September 9, 2010.

b. Study on “Next-Gen/SESAR Technology” Requirement for India

This project is under desk study review & AAI has shown interest to share the cost of this project. FAA and Hi-tech Systems are not participating in this project.

c. GBAS Pilot Project at Chennai Airport

The proposal has been submitted to USTDA and Airports Authority of India (AAI) has also sent the letter of Expression to ACP and same had been forwarded to USTDA for their reference.

4.3 Proposals under Development

a. ATM Processes & Procedures Implementation

This project is follow-on project of ATM Training Program (ATMTP) and the final report had been submitted to Airports Authority of India (AAI). This project will be discussed in detail for developing TOR when WCG sign the contract for 4.1 (c) in AAI Corporate Headquarter (CHQ).

b. Airport Regulatory & Financing Pilot for Regional Airport

This project is a new proposal and it is follow-on of high level roundtable conference held in March 2, 2010 at Hyderabad. Next step to brief the Chairman AAI, the document is under process by team lead.

c. Safety Management System Development Plan [DGCA cost Share]

TOR of this project had been discussed with DGCA on August 26, 2010 & Team Lead is in contact with DGCA to get initial input to prepare the proposal of the project.

d. AAI CNS Manpower Assessment [AAI cost Share]:

This project is follow-on to the ATCO Manpower Assessment. Again, the AAI has re-iterated its interest in this project. This project will be discussed for developing the TOR when WCG sign the contract for 4.1 (c) in AAI CHQ.

e. Geographic Information System (GIS) platform in Indian Airports

Letter of expression has been received from AAI and TOR is under preparation.

4.4 Proposals under Consideration

a. Radio Networking Seminar

b. Airport Security Assessment

5. Membership Update

- i. Currently 33 Members of US-India Aviation Cooperation Program (ACP) and 31 members have renewed their membership.
- ii. The Current year ACP membership drive target is fixed for 40. Your support is solicited to meet the target.

6. ACP Subcommittees

The following sub-committees have been formed. Member companies should also submit their suggestions for which projects they would like their subcommittees to take up.

✓ **Air Traffic Management Modernization**

[Hi-Tec, MITRE, WCG, Jacobs-Consultancy, Honeywell, IBM, CSSI, Metron Aviation, GE, ITT]

[Team Lead- ITT, Mr. Ronald J. Smith; email:ronald.smith@itt.com]

✓ **Airspace and Airport Capacity Analysis, Development, and Planning**

[MITRE, WCG, Jacobs-Consultancy, Honeywell, CSSI, Metron Aviation, GE Aviation, Bell Helicopter, Textron (Cessna)] [Team Lead- MITRE, Ms. Mimi L. Dobbs; email: mldobbs@mitre.org]

✓ **Aviation support industry development**

[System Insights, PAS, IBM, Ricondo & Associates, HEICO, Hampson Precision Automotive, MOOG, Boeing]

[Team Lead- System Insights, Dr. Athulan Vijayaraghavan; email: athulan@systeminsights.com]

✓ **Aviation Human Resources**

[Hi-Tec, MITRE, WCG, PAS, Honeywell]

[Team Lead- WCG, Dr. Ned S. Reese; email: ned.reese@washcg.com]

✓ **Aviation Safety**

[Hi-Tec, MITRE, WCG, Honeywell, CSSI, Bell Helicopter, Textron (Cessna)]

[Team Lead- Hi-Tec Systems, Dr. Kalpana Jain; email: kalpana.jain@hitecsystems.com]

✓ **Aviation Security**

[Hi-Tec, MITRE, WCG, Jacobs-Consultancy, Honeywell, IBM]

[Team Lead- Hi-Tec Systems, Dr. Kalpana Jain; email: kalpana.jain@hitecsystems.com]

✓ **Airport Infrastructure**

[MITRE, Jacobs-Consultancy, Oshkosh Corporation, PAS, IBM, Honeywell, Ricondo & Associates, ProMark Associates, Harris Corporation, Hi-Tec Systems]

[Team Lead- PAS, Mr. Chuck Kohli; email: Chuck.kohli@gmail.com]

✓ **General Aviation & Helicopter Operation**

[Bell Helicopter, Textron (Cessna), Harris Corporation]

[Team Lead- Bell Helicopter, Mr. B.S.Singh Deo; bdeo@bellhelicopter.textron.com]

7. Ideas Received so far for New Projects

- General Aviation
- Noise Pollution & Aircraft Emission
- Green Aviation Fuel
- Regional Airport Regulatory & Financing Best Practices seminar for a day

Members are requested to send their proposal to ACP Program Director before next ACP Board Meeting to initiate the approval process as soon as possible.

8. AAI's Suggested Projects

- Study on carbon foot print of the airports.
- Study on feasibility of solar panel for terminal building / runway lighting system.
- Study on provision of full backup ATC Automation system Best Practices in the U.S.
- Study on overall capacity assessment of the airports with the help of software simulation.
- Study on Engineering Material Arresting System (EMAS) on the Indian Airport especially for table top airport.

9. ACP Projects 2010

- i. Study on Helicopter new corridor for GA and analysis on high density area & overlapping of airspace.
- ii. Study on overall capacity assessment of the airports with the help of software simulation.
- iii. Helicopter for law enforcement
- iv. Airport terminal air purification clean technology study
- v. Airport Operational Assessment
- vi. To develop a Geographic Information System (GIS) platform in India that could eventually be a single, agency-wide repository for:
 - a) the collection, maintenance and dissemination of aeronautical and airport data relating to the nation's airports and
 - b) the preparation, response and the post-event analysis of search and rescue operations.
- vii. ATFM Pilot project

10. ACP Magazine “Shared Horizons” For Jan- Dec 2010 Technical Specification: Issue -2

Inaugural issue of ACP Magazine “**Shared Horizons**” has been released and sent to members by post with requisite number of copies. The technical specification of the issue-2 “**Shared Horizons**” is sent by mail to all the members and same has been presented in the ACP Board meeting. “**Shared Horizons**” –Issue 2 will have more number of pages. Members are requested to send the technical article, company profile, half page advertisement or full page advertisement for publication at the earliest to ACP Secretariats.

Co-chair (Industry) in the ACP Board Meeting on 23rd September, 2010 has suggested that full page advertisement should be free to all the ACP Members company as paying the small amount, the processing cost for payment is much higher. This will be discussed with Co-Chair (USG) before final approval and clearance.

11. MITRE had made a brief presentation to ACP Board member about his Company & Mission in India.

12. Next ACP Board Meeting will be on Oct 21, 2010, Time: 1700 – 1830 hrs (IST) at Boeing office, DLF Center, 3rd Floor, Sansad Marg, New Delhi-110001.

Meeting ended with thanks

(Dr. Arjun Singh)
Program Director-ACP

(Dr. Dinesh Keskar)
ACP Co-chair (Industry)

(Aaron E. Wilkins III)
Co-Chair (USG)