<u>**Minutes of Meeting**</u>

ACP Board Meeting, October 21, 2010
<u>Boeing India, DLF Center, 3rd Floor, Sansad Marg,</u>
<u>New Delhi-110001</u>

Time: 1700 – 1830 hrs. (IST)

1. Agenda:
  i.   Dashboard of Projects & Proposals
  ii.   Status of Projects & Proposals
  iii.   AAI Suggested Projects
  iv.   ACP Projects 2010
  v.   Update on Memberships
  vi.   ACP Magazine "Shared Horizons" Issue-2
  vii.   Airport Regulatory and Financing Best Practices - Presentation by SDG

2 Attendees:

A. The following Members attended the meeting in person:

1.	Dr. Dinesh Keskar	Boeing	President - Boeing India & ACP Co-Chair (Industry)
2.	Dr. Arjun Singh	ACP	Program Director
3.	Ms. Swati Rangachari	Boeing	Director – Communications
4.	Mr. Girish Shirodkar	SDG	Director
5.	Mr. Aman Sood	SDG	----------
6.	Mr. Ajay Kumar	FAA	Civil Aviation Specialist {South Asia}
7.	Mr. K. Balakrishnan	USTDA	Country Representative

B. The following members attended the meeting through teleconferencing:

1.	Mr. Aaron E. Wilkins III	FAA	ACP Co-Chair Govt. & FAA Sr. Representative
2.	Dr. Kalpana Jain	Hi-Tec	Vice President–Education & Training
3.	Ms. Linda Sollars	Hi-Tec	Director, Aviation Safety & Next-Gen Programs
4.	Mr. Chuck Kohli	PAS	Advisor
5.	Ms. Sarah Shapiro	USTDA	Country Manager – India
6.	Ms. Linda M. Schuessler	WCG	ACP Program Manager - India
7.	Ms. Mimi L. Dobbs	MITRE	Program Director – Asia Pacific
8.	Ms. Deepa Das	FedEx	Sr. International Legal Advisor
9.	Ms. Bernice Valantinas	Pro-Mark Associates	Vice President & COO
10.	Mr. Terry Glover	Bell Helicopter	Chief Production Pilot (MAAC)
11.	Mr. Vern Bennett	Bell Helicopter	----------------
12.	Mr. Athulan Vijayaraghavan	System Insights	CTO and Country Head India
13.	Ms Jayeeta Lakhani	GE	Regional Marketing Manager

3 Points of Discussion

Dr. Dinesh Keskar, ACP Co-Chair (Industry) kicked-off the ACP Board meeting on 21st October 2010 and welcomed the ACP members. He briefed about the ACP over all activities.

  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 Meetings: **None**

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:

i. Grant Amendment changing the Contractor for this activity from HEICO Parts Group Inc., to Hi-Tec Systems Inc., has been approved by USTDA and countersigned by the DGCA on October 22, 2010

ii. Contract Agreement had been reviewed by Hi-Tec and delivered to DGCA on 22nd Oct 2010

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 has been received for AAI Signature and expected to be signed 29th Oct 2010.

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 and expected to be completed by 25th Oct 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. The request has been sent to AAI by USTDA for 20-40% cost share.

c. GBAS Pilot Project at Chennai Airport

Proposal has been submitted to USTDA for desk study and expected to be approved in Nov 2010.

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. The small progress has been made by SDG and had a presentation to the ACP Board. Next step to meet USFCS officials and based on the outcome meeting will be fixed with Chairman AAI.

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. [**No Progress**]

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 submitted to AAI and final discussion will be done in the second week of Nov 2010.

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. Please note that a company can serve on more than one subcommittee. 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.

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

Co-chairs have waived-off the full page advertisement charges and current issue all half page advertisement will be converted to full page. Those members have not yet sent their materials; can send on or before 15th Nov 2010.

11. SDG had made a brief presentation to ACP Board member about the project "**Airport Financing and Regulatory Best Practices**"

12. Next ACP Board Meeting will be on 15th November, 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)   **(Dr. Dinesh Keskar)**   **(Aaron E. Wilkins III)**
Program Director-ACP   ACP Co-chair (Industry)   Co-Chair (USG)