Site Inspection Report of Airport Infrastructure at Muirpur Airport, UP for operationalization under Regional Connectivity Scheme (RCS)

Date of Visit-24.02.2018

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Development of Muirpur Airport (UP) for operation of flights under RCS – UDAN

(M 28/DO228-200/Beech craft 200 type - 19 Seater aircraft-Runway codes 1B)

AAI team consisting of officials from CNS Dte., ATM (FPD). Structure, Electrical Engg., Civil Engg, ,Planning,Arch.,Fire Services visited Muirpur Airport on 24.02.2018 along with officials from U.P. State Govt. (Annexure I) to study existing infrastructure and recommend action plan for works required to be carried out for operation of flights under RCS-UDAN.

Existing Infrastructure

- Runway : 1915mX25m, Designation 08/26
- Turn Pad : Available
- VFR/IFR : VFR
- Apron : Not Available
- No.of Parking bays : Not Available
- Taxiway : Not Available
- Helipad : 30x30 Mtr.Available
- Guest House : 9x10 Mtr. Available
- Common Room : 10.55x4.55 mtr.Available
- Signal control Room : 2.0x2.0 Mtr.
- NDB Room : 4.0x4.80 Mtr.
- NDB Ancillary /Store Room : 6.50x10.50 Mtr.
- Residential Quarters : Not Available
- Boundary Wall : 2.10mtr.ht,WithoutBarbed wire- Available
- Availability of Water Supply : Yes (Only Bore well)
- Availability of Approach road : Available
- Availability of Car Parking : Not Available
- Runway Basic strip : Varying from 27.50 mtr.92.50 mtr. from centre line of runway on either side Available .(for 900 mtr. length of runway 62.50 mtr. basic strip from centre line of runway on either side Available for operation of Aircraft category 1B(Like M28)

1. Terminal Building –
At Muirpur Airport, One guest house having one room with attached toilet and one Guard room is only available. Design and Covered area of existing guest house is not sufficient even to cater the passengers of small aircraft. Construction of porta cabin with necessary Departure, Security hold area and Arrival area along with the infrastructure including furniture etc. are suggested to expedite the aircraft operation from Muirpur.

2. Runway & Runway Strip -
- The Runway 08-26 have a dimension of 1915 m X 25 m. The entire runway surface is made of bitumen which is not good, bitumen hungry, aggregates are coming out,
improper camber with visible cracks needs re-carpeting. PCN value and coefficient of friction of the existing runway is not determined.

- Existing Section of runway is as following:

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<tr>
<th>BC</th>
<th>WMM</th>
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<tbody>
<tr>
<td>150</td>
<td>200</td>
</tr>
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</table>

Strengthening requirement can be decided after PCN evaluation.

- Runway strip is full of wild growth, which require cleaning & grading.
- Low laying area is observed throughout the runway strip and in the operational area which need to be levelled.
- Drainage system is not available. Same is needed to be developed and maintained as per the provision of CAR.

3. Runway marking
   - Runway marking are faded which needs to be repainted.

4. Boundary Wall
   - Avg. Height of existing compound wall is 2.10 m with no barbed wire fencing over the top.
   - Boundary wall need to be raised as per the requirement of BCAS.

5. Water Supply System
   - Only one bore-well is available. However, one additional bore-well with overhead/underground tank is required to fulfill the requirement of water supply system.

6. Existing Infrastructure for Electrical System:

   - **Availability of Power Supply**: The 415 Volt LT power supply is available with metering connection from UPPCL. The 2.5 KVA DG Set is also available for standby power supply. The approximate 8 mtr x 10 mtr covered hall to be required for installation of AMF Panel, LT Panel and Sub-station equipments.

   - **Availability of Internal Electrification**: The internal electrical wiring work with fitting and fixtures is available in existing terminal building.

   - **Availability of Water supply**: One No. Bore Well with single phase submersible pump is available to cater the water supply requirement.

   - **Availability of Air Conditioning**: Air-Conditioning is not available in existing terminal building.

**Electrical Requirements for VFR operation:**

(1) The standby power supply source i.e. DG set with AMF Panel and LT Panel.
(2) Internal & External electrification as per operational requirement.
(3) Electrical fitting and fixtures i.e. Fan, LED Light fitting in terminal building.
5. Water Coolers and RO System for drinking water supply.
7. Signages for passenger facilitation in existing terminal building.
8. Signages for operational area i.e. runway, taxiway etc.
9. Electrical Installation in signaling area i.e. Windcone, Landing T etc.
10. Electrical fitting & fixtures for new proposals / requirements by CNS, ATC, Civil etc.

**Note**: The Runway Lights, Taxiway Lights, PAPI Lights, Approach Lights, Apron High Mast Lights, Perimeter Lights are not considered for VFR operation.

7. **Existing Infrastructure for CNS Equipment:**

   Terminal building/Tower/space for CNS equipment are not available at present. One building is available with VIP lounge set up. One more separate room is available inside airport premises where one Portable VHF Trans receiver set and one NDB equipment is installed by Hindalco. A proposal is under process by local administration to modify existing building into a terminal building by renovation. An approved proposal for Pre-engineered/Pre-fabricated ATC tower for Muirpur is already in process with Engineering Dte. (Copy Enclosed)

   - **Availability of CNS Equipment**: One Portable VHF Trans receiver set (122.1MHz) and One NDB (201KHz) are available. Make of VHF is ICOM and that of NDB is NAUTEL (500W). Antenna for VHF is mounted on a mast of 70 feet height. Height of NDB mast is 60 feet. Lightening arrester is also installed on a mast of 80 feet height. Some VHF Dipole antenna are also installed (4 Pair) which are not in use at present. Earthing is available for equipment and needs to be check for its status.

   - **Availability of Power supply**: Power source is available in all the places which can be utilized to energize UPS for equipment.

   - **Availability of Air Conditioning**: No AC is available at present. It is required to install two ACs for VHF AND DVR equipment.

   - **Availability of Earthing**: Earthing is available and connected to earth pit. It needs to ascertain its serviceability before installation of CNS equipment.

   - **Availability of Telephone line**: Telephone line is terminated inside airport premises but as per available source it is not functional. Local administration has to take up the issue with BSNL/Other service provider to terminate few lines inside airport premises.

   - **Availability of DG Set as back up**: One DG set is available as back-up for mains supply. It needs to check up for its capacity to cater the load.

   - **Availability of Furniture for CNS equipment**: No furniture available for CNS equipment. Needs to provide few basic furniture for equipment and officers.
CNS Requirements for VFR operation:

Following essential facilities are required to be provided by CNS Dte in order to provide Air Traffic Control Service under RCS at AAI and non AAI airports.

1) VHF for Control Tower (Main & Standby Frequency) with associated equipment’s recording facility (DVR) etc.
2) Digital Clock.
3) Direct Telephone line with STD facilities and Fax machine.
4) Intercom facilities with CNS units, fire stations etc.
5) Direct Hot Line with City fire brigade.
6) At least two sets of Walky-Talky equipment’s.
7) Crash Fire Alarm and PA systems.
8) Mobile Phone with dual SIM (One from BSNL and other having good coverage)
9) Computer with internet facility and Printer.

Remarks for CNS Equipment’s/facilities:

1) CHQ (CNS-P) is taking action to procure facilities at Sl. No: 1 wherever not available.
2) RHQ’s are required to take action to provide facilities from Sl. No. 2 to 9 wherever required.
3) An approved proposal for Pre-engineered/Pre-fabricated ATC Tower for Muirpur Airport is included in the list.

8. Existing Infrastructure for ATM Services:-

OBSTACLES OBSERVED DURING INSPECTION:

During the inspection the following natural/manmade obstacles were observed and these needs to be assessed/removed as per DGCA CAR section 4 series B part 1 dated 26 aug 2015 para 4 for the proposed operations and OLS survey must carried out before commencing & to check the viability of operations.

- Mobile towers are observed in the approach path runway 26.
- Group of trees are observed in the approach path of runway 08/26.
- Road is passing close to runway in south direction.

9. Existing Infrastructure for Fire Services:-

No aviation Fire service is available at the aerodrome Aviation trained competent firefighting personnel & extinguish media along with other infrastructure is required to be established at the aerodrome. It was observed that fire service/fire section building is not available and it is required to be build according to Fire Safety Manual-15 (AAI). Communication facility required for fire service/fire section according to category- IV is also not available. Perimeter road is not available, moreover crash gate at both the ends of runway is not provisioned which is a mandatory requirement. Static tank and over head tank does not exist.

After detailed inspection of the available infrastructure, the State Govt. was suggested to take up mandatory works for making it suitable for operation and complete the same by June 2018.
Photographs

Guest House & Ancillary Room

Approach Main Gate Inside
Approach Main Gate Outside

Ancillary Room near Guest House
Existing Infrastructure
(Another photograph)

Runway (Minor Cracks observed)
Requirements for operation of RCS Airport Code-1B

1. Minimum Length of Runway -800 mtr.
2. Minimum Basic Strip -30 Mtr. on either side
3. Shoulder required –Nil
4. RESA-(2xwidth of runway)x 30 mtr.
5. Apron Size-70X35
6. Taxiway width-10.5 mtr.
7. Terminal Building – Covered area 525 sqm.
8. Car Park for 25 cars @ 20 sqm. per car = 500 sqm.
9. Lateral Transition slope 20%
10. Longitudinal Transition slope 5%

M 28 Aircraft Technical Information (M 28 Twin Turboprop Aircraft)

- **Passenger Capacity** - 19 passengers + 2 Crew
- **Cabin Length** - 5.26 mtrs.
- **Cabin Height** - 1.70 mtrs.
- **Cabin Width** - 1.73 mtrs.
- **Cabin Volume** - 13.7 m³
- **External Luggage Pod Volume** – 1.3 m³
- **Rear door length** - 2.6 mtrs.
- **Rear door width** - 0.9 – 1.2 mtrs.
- **Wing Span** -22.06 mtr.
- **Length** -13.10 mtr.
- **Tail height** -4.90 mtr.

Specifications

**Performance (estimated)**
Sea level, standard day, maximum takeoff gross weight unless otherwise noted

<table>
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<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Maximum Takeoff Gross Weight</td>
<td>7500 Kg.</td>
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<tr>
<td>Takeoff Distance</td>
<td>548 m</td>
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<tr>
<td>Landing Distance</td>
<td>499 m</td>
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<tr>
<td>VMO</td>
<td>355 km/h</td>
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<tr>
<td>Maximum Cruise Speed</td>
<td>355 km/h</td>
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<tr>
<td>Long Range Cruise Speed</td>
<td>244 km/h</td>
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<tr>
<td>Range (10,000 ft, 45 minute reserve)</td>
<td>1592 km</td>
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<tr>
<td>Range with Auxiliary Fuel Tanks</td>
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<tr>
<td>Average Fuel Flow (10,000 ft.)</td>
<td>268 kg./hr</td>
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<tr>
<td>Endurance Standard Tanks</td>
<td>6.2 hours</td>
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<tr>
<td>Endurance Auxiliary Tanks</td>
<td>11 hours</td>
</tr>
<tr>
<td>Stall Speed</td>
<td>118 km/h</td>
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<tr>
<td>Rate of Climb</td>
<td>12.29 m/s</td>
</tr>
<tr>
<td>Service Ceiling</td>
<td>7620 m</td>
</tr>
<tr>
<td>OEI Service Ceiling</td>
<td>3901 m</td>
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</tbody>
</table>
Weights

Maximum Takeoff Gross Weight - 7500 kg.
Empty Weight - 4354 kg.
Useful Load - 3145 kg.
Maximum Payload - 2300 kg.
Maximum Fuel Weight - 1766 kg (2278 I)

Fuel System

Normal Capacity - 2278 I
Auxiliary Ferry Tank - 2090 I

Dimensions

Propeller Diameter - 2.82 m
Wheelbase - 3.39 m
Wing Tip to Wing Tip turn radius - 14.73 m

Engines

Manufacturer/ Type - (2) PRATT & WHITNEY, CANADA PT6A-65 B
Max. take-off power (per engine) - 820 kw
Max. continuous power (per engine) - 820 kw
Max. cruise power (per engine) - 745 kw
Max. climbing power (per engine) - 745 kw

Dornier 228-212

- Wing Span (Over Winglets) - 16.97 m
- Wheel Base - 6.29 m
- Passenger Capacity - 19 Seats

Beechcraft 1900 D

Aircraft Range - 1500 nm
Fuel Capacity - 2022 kg.
Main Gear - Dual
Passenger Capacity - 19 seats

A. Maximum Aircraft Ramp Weight - 7736 kg.
B. Maximum Aircraft Landing Weight - 7530 kg.
C. Maximum Aircraft Takeoff Weight - 7688 kg.
D. Minimum Turning Radius - Not Available
E. Length (Overall) - 17.63 m
F. Wing Span (Over Winglets) - 17.67 m
G. Tall Span - 5.63 m
H. Wheel Base - 7.25 m
I. Wheel Track - 5.23 m
J. Tail Height - 4.72 m
**Action Plan**

1. **Acquisition of land for Terminal building and Car Park Area**
   
   Existing guest house of HINDALCO is proposed be demolished during the construction of Apron and taxi track. For Porta cabin new terminal building and car park area an additional land area of 70x150=10500 sqm(approx.2.5 acres) will be required to be acquired by state govt. as marked in layout plan.

2. **Pavement works:** *(To be done by the State Govt.)*
   
   - Provision of Apron 2450 Sqm (overall size required 70mX35m)
   - Provision of Taxiway 75 x15 mtr.
   - Basic strip grading
   - Construction of RESA 46X30 mtr
   - Fire CFT Holding position road 5.0 mtr wide
   - Connection roads from fire station to Runway.
   - Car Park Area for 25x20 mtr.
   - Re-carpeting of runway
   - Runway and Apron Markings
   
   Necessary drawings/specifications shall be provided by AAI. Monitoring by RED, NR.
   
   Approx. Cost: Rs 6.0. Crore
   
   PDC: June 2018
   
   Action: State Govt./RED, NR, AAI

3. **Terminal Building :** *(To be done by the State Govt.)*
   
   - Construction of porta cabin with necessary Departure, Security hold area and Arrival area along with the infrastructure including furniture etc. (copy of drawing enclosed)
   - The approximate 8 mtr x 10 mtr covered hall to be required for installation of AMF Panel, LT Panel and Sub-station equipments. –Space is available.
   - Fire station shade
   - The State Govt. shall take up and complete the terminal building work along with required furniture, provision for CCTV, FIDS, PA System etc.
   - work shall be executed by UPRNNL ,funds for modifications etc. are to be released by AAI as decided vide Under Secretary MOCA’s letter no. AV 20036/49/2017-AD dated 24.11.2017 . The State Govt. shall take up and complete the terminal building work along with required furniture, provision for CCTV, FIDS, PA System etc. Any guidance required shall be provided by RED, NR, AAI.
   - Any guidance required shall be provided by RED, NR, AAI
   
   Approx. Cost: Rs.2.50 crore
   
   PDC: June 2018
   
   Action: State Govt. / AAI Plg. Dte./ RED, NR, AAI
4. **Operational Boundary Wall: (To be done by State Govt.)**

- The present boundary wall is 2.10 feet high brick wall without barbed wire with very old and weak structure. Therefore new boundary wall needs to be constructed as required by BCAS- 8 feet + 1.5 feet concertina coil.
- Provision of Fire Crash gate on both ends of boundary wall.

   Approx. Cost Rs.8.0 Crore

   PDC: June 2018.

   **Action: State Govt. / BCAS/RED, NR, AAI**

5. **Runway Strength(PCN)**

- Pavement classification number is not available / not known. For PCN evaluation, action has been initiated by AAI, CHQ Structure directorate.

   PDC: April, 2018

   **Action: AAI, CHQ Structure Dte.**

6. **Other Misc. Civil works:-(To be done by State Govt.)**

- Cooling pit, windsock, ARP, etc. The location for these works identified and action for completion shall be taken up by UP State govt.

   Approx. Cost: Rs0.50 crore

   PDC: June 2018.

   **Action: State Govt. / RED, NR, AAI**

7. **Access Control/ Approach Road:-(To be done by State Govt.)**

- Approach road from highway is available, boom barriers at the airport entrance and properly illuminated. Necessary signage’s from highway also to be provided. Shelter covers/ booths to be provided for checking security staff.

   **Action: State Govt.**

8. **Control Tower :**

- Pre-engineered/Pre-fabricated ATC tower with control room size of 5.40 mtrx5.40 mtr.at a height of 6.30 mtr. with lightening /surge protection ,earthing ,RF/Data cable ducts etc. is in process of procurement ,however ATC equipments can be erected in available space of ATC tower.

   PDC :August 2018

   **Action: State Govt. / CNS dte.AAI,CHQ**

9. **Documentation:-(To be done by the State Govt. as operator)**
• The necessary documentation like security manual, quality control manual, aerodrome manual, emergency procedure and contingency plans, safety management manual etc. to be prepared by State Govt. in co-ordination with AAI Ops. Dte.

**Action:** State Govt.

### 10. CNS Works:-(To be done by AAI.)

• Following essential facilities are required to be provided by CNS Dte in order to provide Air Traffic Control Service under RCS at AAI and non AAI airports.

1) VHF for Control Tower (Main & Standby Frequency) with associated equipment’s recording facility (DVR) etc.- **CHQ (CNS-P) is taking action to procure facilities**
2) Digital Clock.
3) Direct Telephone line with STD facilities and Fax machine.
4) Intercom facilities with CNS units, fire stations etc.
5) Direct Hot Line with City fire brigade.
6) At least two sets of Walky-Talky equipment’s.
7) Crash Fire Alarm and PA systems.
8) Mobile Phone with dual SIM (One from BSNL and other having good coverage)
9) Computer with internet facility and Printer.

• RHQ’s is required to take action to provide facilities from Sl. No. 2 to 9
• It is required to install two ACs for VHF AND DVR equipment.
• A new Earthling is required to make before installation of CNS equipment.
• **Local administration has to take up the issue with BSNL/Other service provider to terminate few lines inside airport premises.**
• DG set is not provided as back-up for mains supply. It needs to be provided as back-up.
• No furniture available for CNS equipment. Needs to provide few basic furniture for equipment and officers.

Approx. Cost  Rs.1.0 Crore

**PDC:** June 2018

• **Action:** State Govt. / CNS dte.AAI,CHQ

### 11. Security Equipment (To be done by State Govt.):-

Security equipment required are assessed as below:
• XBIS (RB)-1 No.
• X-BIS(HB)-1 No.
• DFMD-4Nos. (SHA-2 Nos., Entrygate-1 No., Stop Gate- 1 No.)
• HHMD- 8 Nos.
• CCTV
• ETD-2 Nos.
• FIDS

All security equipments shall be procured /provided by AAI to Govt. of UP on rental basis

**PDC:** June,2018.
12. **Airspace Management perspective and Obstacles** –

- Airspace of Muirpur Airport is clear from Airspace Management point of view, OLS Survey needs to be carried out before commencement of operations.
- For survey and OLS charting Award letter has already been placed by CHQ vide letter No. AAI/9-3/RCS/2018(Survey) dated 23.02.2018.
- After the survey/ OLS study, the obstacles will be earmarked by the State Govt. and action for removal of obstacles shall be taken by State Govt. of UP.

PDC: April 2018

**Action:** State Govt. / ED(ATM), CHQ, AAI

13. **Fire Services:**

In order to help commencement of operation immediately at the Airport by provisioning below mentioned facilities immediately:

- a. 01 CFT and 01 Ambulance to be commissioned-To be provided by AAI on rental basis to state govt.

- b. 01 CFT 01 Ambulance to be kept stand-by-To be provided by AAI on rental basis to state govt.

Fire store requirements:

I. At least 700liters of foam compound should be kept in reserve.
II. At least 135kg of DCP should be kept in reserve.

(To be provided by AAI on rental basis to state govt.)

- Before commencement of operation static tank and over head tank should be constructed so as to avoid water supply shortage-To be constructed by State Govt.

- ARFF competent fire fighting crew along with fire extinguishing media for category- IV is required to be commissioned before commencement of operation.

- The necessary Fire personnel shall be identified / deputed by State Govt. and duly trained by AAI.

- In this context an **extract from Fire Service Manual -15 (AAI) is attached as ready reckoner.**

PDC: June 2018
14. **Security Services:-**

- The security services are to be provided by State Govt. The number of police personnel to be deputed shall be communicated to State Govt. by BCAS after inspection for training and deployment.

  **Action:** State Govt. / BCAS

15. **Electrical works:-** *(To be done by State Govt.)*

   1. The standby power supply source i.e. DG set with AMF Panel and LT Panel.
   2. Internal & External electrification as per operational requirement.
   3. Electrical fitting and fixtures i.e. Fan, LED Light Fitting in existing terminal building.
   5. Water Coolers and RO System for drinking water supply.
   7. Signages for passenger facilitation in existing terminal building.
   8. Signages for operational area i.e. runway, taxiway etc.
   9. Electrical Installation in signaling area i.e. Windcone, Landing T etc.
   10. Electrical fitting & fixtures for new proposals / requirements by CNS, ATC, Civil etc.

   **NOTE:** The Runway Lights, Taxiway Lights, PAPI Lights, Approach Lights, Apron High Mast Lights, Perimeter Lights are not considered for VFR operation.

   Approx. Cost: Rs.2.30 Crore

   PDC: June 2018.

   **Action:** RED, NR, AAI

16. **Meteorology** - Met observatory and the trained Met. Officials may be required before commencement of commercial flights. Necessary coordination with Met. Department to be taken up by State Govt. of UP.

   **Action:** State Govt.

17. **Status of Airport Licence** *(To be taken by State Govt as operator.)* Presently Airport licence is not available. Action for taking Airport Licence from DGCA to be taken by State Govt.

   PDC: August, 2018.

   **Action:** State Govt.
Suitability of Airport - Presently, Aerodrome is not fit for commercial flights, however, after actions as above and obtaining aerodrome licence, the commercial flight operations may be commenced.

(Bharat Bhushan) 12-3-18  
Sr. Suptd.(Plg.-SG)  

(C.B. Jam) 12-3-18  
Sr. Mgr.(Plg.-1)  

(I.R. Mishra) 12-3-18  
Sr. Mgr.(I-S)-Lucknow  

(Rameshwar Gautam) 12-3-18  
SM(Elect.), Varanasi  

(Sandeep Sharma) 12-3-18  
AGM(ATM-I PD)  

(A.S. Tripathi) 12-3-18  
AGM(C)-Lucknow  

(Gaurav Karnwal) 12-3-18  
DGM(Structure)  

(Rajesh Sinha) 12-3-18  
Jt.GM(CNS)
## List of Participants (Muirpur Airport Visit on 24.02.2018)

### AAI Side

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name (S/Sh.)</th>
<th>Designation</th>
<th>On tour from</th>
<th>Mobile No.</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Rajesh Sinha</td>
<td>JGM (CNS)</td>
<td>CHQ-New Delhi</td>
<td>7993881083</td>
<td><a href="mailto:rajeshsinha@aai.aero">rajeshsinha@aai.aero</a></td>
</tr>
<tr>
<td>2.</td>
<td>Gaurav Karnwal</td>
<td>DGM (Engg.- Str.)</td>
<td>CHQ-New Delhi</td>
<td>9818484115</td>
<td><a href="mailto:gauravk@aai.aero">gauravk@aai.aero</a></td>
</tr>
<tr>
<td>3.</td>
<td>Sandeep Sharma</td>
<td>AGM (ATM-FPD)</td>
<td>CHQ-New Delhi</td>
<td>8141356625</td>
<td><a href="mailto:sansharm@aai.aero">sansharm@aai.aero</a></td>
</tr>
<tr>
<td>4.</td>
<td>A.S.Tripathi</td>
<td>AGM (Engg-Civil)</td>
<td>Lucknow</td>
<td>7508528141</td>
<td><a href="mailto:anandtri@aai.aero">anandtri@aai.aero</a></td>
</tr>
<tr>
<td>5.</td>
<td>C.B. Jain</td>
<td>Sr. Manager (Plg.)</td>
<td>CHQ-New Delhi</td>
<td>9599085650</td>
<td><a href="mailto:cbjain@aai.aero">cbjain@aai.aero</a></td>
</tr>
<tr>
<td>6.</td>
<td>Rameshwar Gautam</td>
<td>Sr. Manager (Engg.-Elect.)</td>
<td>Varanasi</td>
<td>7704903379</td>
<td><a href="mailto:rgautam@aai.aero">rgautam@aai.aero</a></td>
</tr>
<tr>
<td>7.</td>
<td>L.R. Mishra</td>
<td>Sr. Manager (Fire/ S)</td>
<td>Lucknow</td>
<td>9685359758</td>
<td><a href="mailto:lalitimishra@aai.aero">lalitimishra@aai.aero</a></td>
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<tr>
<td>8.</td>
<td>Bharat Bhushan</td>
<td>Sr. Supdt. (Plg.-SG)</td>
<td>CHQ-New Delhi</td>
<td>8860351135</td>
<td><a href="mailto:Bharatb01@aai.aero">Bharatb01@aai.aero</a></td>
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### State Govt. / District Administration Side

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<th>Mobile No.</th>
<th>E-mail</th>
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<tr>
<td>1.</td>
<td>Mrituanjay Singh</td>
<td>Tehsildar</td>
<td>Duddhi (Revenue)</td>
<td>9454416849</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>S.K. Srivastava</td>
<td>AE PWD</td>
<td>Roberts Ganj</td>
<td>9451202954</td>
<td><a href="mailto:pandeyuppwd@yahoo.in">pandeyuppwd@yahoo.in</a></td>
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<td>3.</td>
<td>S.K. Pandey</td>
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<td><a href="mailto:rohit.pharasi@adityabirla.com">rohit.pharasi@adityabirla.com</a></td>
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<tr>
<td>4.</td>
<td>Capt. Rohit Dev</td>
<td>Security Manager</td>
<td>Hindalco, Renukut</td>
<td>8573047123</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Nazir Hussain</td>
<td>Chaukidar</td>
<td>Airstrip, Muirpur</td>
<td>7518715691</td>
<td></td>
</tr>
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