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Following supplement is issued for information, guidance and necessary action.

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RADIO COMMUNICATION FAILURE PROCEDURES (RCF)
NOIDA INTERNATIONAL AIRPORT, JEWAR (VIND)

1. INTRODUCTION:

Radio communication failure procedures are described in Para 15.3 of ICAO PANS ATM DOC 4444, 15th edition 2007. Based on these provisions, following radio communication failure procedures are established, to standardize the actions to be taken by the pilot of arriving and departing aircraft at Noida International Airport, Jewar (NIA).

2. GENERAL:

- 2.1** All Transponder equipped aircraft experiencing Radio Communication failure shall set transponder to Mode A/C code 7600 as soon as practicable.

(Note: This Requirement of Setting transponder to Mode A/C code 7600 in no way imposes any restriction on the pilot's decision to set transponder to Mode A/C code 7500 or 7700, whenever required).

3. ASSIGNED RUNWAY AND ITS AVAILABILITY FOR RCF AIRCRAFT

- 3.1** In case of arriving aircraft, when runway for landing has already been advised to the aircraft by ATC, such runway shall be considered as assigned runway, In case arriving aircraft has not been advised any runway, runway 28 shall be considered as assigned runway for such arrival.
- 3.2** In case of departures from NIA returning on account of RCF, the departure runway of such aircraft shall be considered as assigned runway for landing.
- 3.3** Runway lights and approach lights in ‘SWITCHED ON’ position shall indicate the availability of such runway for aircraft experiencing RCF.
- 3.4** Irrespective of visibility/weather conditions, runway and approach lights in ‘SWITCHED OFF’ position shall indicate non- availability of such runway for aircraft experiencing RCF.
- 3.5** In strong tailwind conditions for the assigned runway, aircraft experiencing RCF shall carry out a missed approach on the assigned runway and, after completing the prescribed missed approach procedure for such approach, shall carry out the published ILS approach procedure for the reciprocal runway.

4. PROCEDURE FOR ARRIVALS

4.1 Arriving aircraft - STAR Assigned

- 4.1.1** Except when descend clearance has already been received from ATC, Aircraft shall not commence descend before 100 NM from ‘JWR VOR’. Aircraft shall continue on assigned STAR following all level and speed restrictions applicable to STAR, as far as practicable. This allows ATC to resolve any possible traffic conflict.
- 4.1.2** At the end of the STAR, descend to 2600 feet and take a convenient turn to intercept localizer or final approach track of the published procedure for the assigned runway.

4.2 Arriving aircraft - STAR not assigned

- 4.2.1** Continue on ATS route, (Re-join ATS route if given heading or flying offset), maintaining/descending to cleared flight level or F070 whichever is higher. After JWR VOR aircraft to proceed to R-101/17D JWR fix and hold. Descend to 4000 ft in hold and follow the procedure listed in para 4.2.2

4.2.2 From R-101/17D Hold

- 4.2.2.1 ILS Approach RWY 28-** Leave R-101/17D hold on track 281 and follow published ILS approach procedure

4.2.2.2 **ILS Approach RWY 10-** Leave R-101/17D hold at 4000 ft. Proceed direct to JWR VOR maintaining 4000 ft. Follow published ILS approach procedure for RWY 10.

Note: In case of strong tail wind conditions when aircraft intending to use opposite runway:

- a) Aircraft carrying out missed approach procedure for ILS Approach RWY 10 to proceed to R-101/17D (280706.18N 0775708.09E) hold (in place of R-101/16.4 hold) and follow published ILS Approach for RWY 28.
- b) Aircraft carrying out missed approach procedure for ILS Approach RWY 28, shall proceed to fix R-132/06D (280628.83N 0774318.21E) then proceed to R-101/17D hold and follow published ILS Approach for RWY 10 as per para 4.2.2.2.

4.3 Arriving aircraft being radar vectored

4.3.1 Aircraft being radar vectored for approach, on experiencing RCF, shall maintain last assigned level and heading for 3 minutes after detecting RCF or selecting MODE A/C 7600, whichever is later, and then take a turn to proceed direct to 'JWR VOR' maintaining last assigned level or 4000 FT whichever is higher. After JWR VOR aircraft to proceed to R-101/17D JWR FIX (280706.18N 0775708.09E) and hold. If higher, descend to 4000 ft in hold.

4.3.2 Follow the procedures listed in para 4.2.2 for assigned runway.

5. PROCEDURE FOR DEPARTURES

5.1 Departure intending to continue to destination

Three minutes after setting Mode A/C code 7600 or reaching FL070 or cleared flight level (if higher than FL070) whichever is later:

- i) If following 'SID', continue on SID to join ATS route and climb to filed flight level and continue as per the filed flight plan.
- ii) If following radar heading, turn (avoiding VIP 89 & VIP 90) to join ATS route by shortest route maintaining cleared flight level/FL 70, whichever is higher. After joining ATS route, climb to filed flight level and continue as per the filed flight plan.

Exception: For ATS routes via waypoints **SP (W35/W39)**, **SURAM (G333)** and **BUTOP/OROTI (A589)**:

Continue on assigned heading, climbing to or maintaining the cleared level or **FL070**, whichever is higher, and proceed to **SKA (VOR)**. Leave **SKA (VOR) on R-300** climbing to **FL100** and reaching FL100 proceed to **CHI VOR**. From **CHI VOR**:

- a) **For ATS Routes G333 and A589:** Join the ATS Route and thereafter climb to the filed flight level.
- b) **For ATS Routes W35 and W39 (SP Track):** Proceed to **SAM VOR** maintaining FL100; after **SAM VOR**, climb to the filed flight level and proceed to **SP** to join the filed ATS route.

In case of an aircraft experiencing RCF at IGI Airport, Delhi or NIA, Jewar:

The relevant information, including flight plan details, shall be communicated to the concerned ATC units in the most expeditious manner. Necessary traffic restrictions shall be imposed to ensure the safe handling of the aircraft.

5.2 Departure intending to land back at NIA

5.2.1 Any departing aircraft experiencing RCF after departure and intending to land back at Noida International Airport shall continue on assigned SID or heading climbing to or maintaining cleared level or FL70, whichever is higher.

5.2.2 Three minutes after setting Mode A/C code 7600 or reaching FL70 or cleared flight level (if higher than FL70) whichever is later, take a turn (avoiding VIP 89 & VIP 90) to proceed direct to R-101/17D JWR FIX (280706.18N 0775708.09E) and hold.

5.2.3 If required, Jettison fuel while in R-101/17D JWR hold at FL 70, taking all necessary precautions.

5.2.4 Descend to 4000 ft in hold and follow the procedures listed in para 4.2.2.

- **Insert** RCF procedures of Noida International Airport, Jewar of this AIP Supplement in VIND AD 2.22 of eAIP India.