



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

DIRECTORATE OF AIR TRAFFIC MANAGEMENT
RAJIV GANDHI BHAWAN, NEW DELHI-110003

GIS CIRCULAR NO. 02 of 2017

Sub : Verification, Validation Process and charges of Aeronautical survey by AAI for State/PSU/Private owned airport/heliport.

1. Introduction

- 1.1 Aeronautical surveying is a highly specialised type of surveying. Aeronautical survey programme provides critical information about airport features, obstructions & navigational aids. This data is needed for safe aircraft operation and therefore is safety critical. Airport surveying needs extensive knowledge of ICAO documents related to aerodromes and its environs in respect of the operational areas, obstacle limitation surfaces, navigational facilities, PANS-OPS surfaces etc. Surveyors must also have the knowledge of ICAO requirement of accuracies and integrity of the data collected and the adoption of the World Geodetic System-1984 as standard geodetic reference system for international civil aviation.

2. Purpose

- 2.1 In the past, AAI as the Aeronautical Service (ANS) Provider had been conducting the aeronautical surveys of all its civil airports and some of the military airports where civil commercial operations had been taking place. But with the privatisation of some of the major civil airports in India and entry of private operators in developing new green field airports and requirement to conduct the aeronautical surveys at regular intervals for maintaining the currency of the aerodrome licence, it is not feasible for AAI to conduct the aeronautical surveys of all airports at regular interval. This has forced the private aerodrome operators to look at various options to complete the aeronautical surveys through experienced private survey firms.
- 2.2 However in view of regulatory requirement for accuracy/integrity of the published surveyed data in AIP India, DGCA requires private/state operators to get the data validated from AAI through Verification & Validation (V & V) process.
- 2.3 The purpose of this Circular is to standardize the Verification & Validation procedure for all the Aerodrome operators requiring V & V certificate from AAI for the survey data.

5 CHECKLIST for Aerodrome operators for the V & V process

In order to reduce delay in V & V process, certain compliances are required to be done by the concerned aerodrome operator before commencement of V & V process by AAI. A compliance certificate of the following checklist is to be submitted to AAI by the concerned aerodrome operator before commencement of V & V process by AAI:

Airport features viz. runway, Taxiway, NAV-aids if any, must exist physically in complete state with proper markings.

- i) ARP,PACS(Primary Airport Control station) & SACS (Secondary Airport Control Station) must be established as per standard requirement
- ii) Duly filled & Signed Survey Report as per AAI format.
- iii) Survey charts viz. Airport map (Base Map), Approach charts, Objects of vertical Significance chart and Parking & Docking Chart.
- iv) Runway End Permanent Markers on both ends of the runway as per AAI operational circular 06 of 2011.

Verification & Validation charges – Aerodrome category wise

6.1 Competent authority has approved following revised V & V process charges payable by an aerodrome operator to AAI w.e.f. 06/12/2017, as per its aerodrome category:-

Table 3

| Sl. No | Aerodrome Category | | Total Charges | Total Charges including 18 % GST(or as applicable) |
|--------|--------------------|---|---------------------------------|---|
| 1 | CAT-A | Heliport/Helipad | 8.95 Lakh | 10.56 lakhs |
| 2 | CAT-B | Single Runway Airport (Non- Metro/ others) | 11.63 Lakh | 13.72 lakh |
| 3 | CAT-C | Single Runway Airport (Metro/State Capital) | 12.97 Lakh | 15.30 lakh |
| 4 | CAT-D | Two or more than two Runway Airport | 16.32 Lakh | 19.26 lakh |
| 5 | | Limited Survey | 4.93Lakh+67000 X No. Of days | |

- 6.2 Above V & V charges are applicable for 03 years i.e. up to 05/12/2020.
- 6.3 Payment may be made to AAI through DD in favor of "Airports Authority of India", payable at New Delhi.
- 6.4 Request letter along with demand draft and other relevant documents shall be submitted to:

The General Manager (ATM-Survey)
 Airports Authority of India
 Rajiv Gandhi Bhawan, Block-A,
 Safdarjung Airport, New Delhi-110 003

7. Timeline

Following timelines shall be strictly adhered to by Survey Section, subject to compliance of all the requirements by Aerodrome Operator and start of field observations by survey section, for issue of Verification & Validation Certificate:

Table 4

| Sl. No. | Aerodrome Category | | Total no. of working days after starting of field work by survey section |
|---------|--------------------|---|--|
| 1 | CAT-A | Heliport/Helipad | 20 days |
| 2 | CAT-B | Single Runway Airport (Non- Metro/ others) | 25 days |
| 3 | CAT-C | Single Runway Airport (Metro/State Capital) | 35 days |
| 4 | CAT-D | Two or more than two Runway Airport | 50days |
| 5 | | Limited Survey | Depending on the quantum of work. |



8. Queries

8.1 Any queries or further guidance required on the contents of this Circular should be addressed to:

Executive Director [ATM]
 Airports Authority of India
 Rajiv Gandhi Bhawan
 Safdarjung Airport
 New Delhi-110003
 E-mail: edatm@aai.aero

9. Validity

9.1 This Circular is effective from the date of issue and shall remain in force until further notice.

EXECUTIVE DIRECTOR [ATM]
 AIRPORTS AUTHORITY OF INDIA
 Sd/-

| No. | Description of work | Duration of work |
|-----|---|----------------------------------|
| 1 | CAT-A (Airport, Helipad) | 20 days |
| 2 | CAT-B (Single / Runway Airport (Non-Metro/ others)) | 25 days |
| 3 | CAT-C (Single Runway Airport (Metro/State Capital)) | 35 days |
| 4 | CAT-D (Two or more than two Runway Airport) | 50 days |
| 5 | Limited Survey | Dependent on the quantum of work |