|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AERODROME SAFETY INSPECTION CHEKLIST  CARTOGRPHIC INSPECTION (Maps/ Charts) | | | | | | | | | |
| Airport Name:   | | | | Associated City:   | | Airport Classification:   | | | |
| Checklist Name: ANS-101B Inspection of Aeronautical Maps & Charts | | | |  | | Airport Manager :   | | | |
| Inspector:   | | | | Inspection Date:   | | S=Satisfactory            U=Unsatisfactory  N/A = Not Applicable   Remarks Required | | | |
| ID | Check Item | | | | | S | U | N/A | Comments |
| A | **Requirements For Availability Aeronautical Charts** | | | | | | | | |
| 1 | Mandatory Charts | | Aerodrome Obstacle Chart — ICAO Type A; | | |  | √ |  | In AIP the aerodrome Chart aerodrome ICAO type a chart which is not correct |
| 2 | Precision Approach Terrain Chart — ICAO | | |  |  | √ |  |
| 3 | Enroute Chart — ICAO | | |  |  |  |  |
| 4 | Instrument Approach Chart — ICAO | | | √ |  |  |  |
| 5 | Aerodrome/Heliport Chart — ICAO | | | √ |  |  | In AIP the aerodrome Chart aerodrome ICAO type a chart which is not correct |
| 6 | World Aeronautical Chart — ICAO, 1:1 000 000 | | |  | √ |  | Need to be prepared |
| 7 | Non Mandatory Charts | | Aerodrome Obstacle Chart — ICAO Type B | | |  | √ |  | Need to be prepared |
| 8 | Aerodrome Ground Movement Chart — ICAO | | |  | √ |  | Need to be prepared |
| 9 | Aircraft Parking/Docking Chart — ICAO | | |  | √ |  | Need to be prepared |
| 10 | Aeronautical Chart — ICAO 1:500 000/  Aeronautical Navigation Chart — Small Scale | | |  | √ |  | Need to be prepared |
| 11 | Plotting Chart — ICAO | | |  | √ |  | Need to be prepared |
| 12 | Conditionally Required Charts | | Area Chart — ICAO | | |  |  | √ |  |
| 13 | Standard Departure Chart — Instrument (SID) | | |  |  | √ |  |
| 14 | Standard Arrival Chart — Instrument (STAR) — ICAO | | |  |  | √ |  |
| 15 | Visual Approach Chart — ICAO | | |  | √ |  | Need to be prepared |
| 16 | Joint Civil/Military Charts | | | | |  |  | √ |  |
| 17 | Airport Grid Map 8 KM | | | | |  | √ |  | Need to be prepared |
| 18 | Airport Grid Map 2 KM | | | | |  | √ |  | Need to be prepared |
| 19 | Airport Location Map for Aerodrome Certification | | | | |  | √ |  | Need to be prepared |
| B | **Maintenance Of Charts** | | | | | | | | |
| 1 | Methods | | | | |  | √ |  | No procedure |
| C | **Revision/ Frequency Of Revisions** | | | | | | | | |
| 1 | Revision/ Frequency Of Revisions | Aerodrome Obstacle Chart (Types A, B ) | | | When Accumulation Of Hand Amendments Justifies |  |  | √ |  |
| 2 | Precision Approach Terrain Chart | | | When Any Significant Change In Terrain, Profile Occurs |  |  | √ |  |
| 3 | Enroute Chart | | | 28 Days (AIRAC Cycle- Congested Areas), Multiples Of 12 Weeks (AIRAC Cycle- Uncongested Areas) |  | √ |  | Need to be updated as per Doc 8697 |
| 4 | Standard Departure Chart —Instrument (SID) Standard Arrival Chart —Instrument (STAR) | | | When A Significant Change Occurs But Not More Often Than 4 Weeks |  |  | √ |  |
| 5 | Instrument Approach Chart | | | When A Significant Change In Procedure Occurs |  | √ |  | Need to be updated |
| 6 | Visual Approach Chart | | | When Accumulation Of Hand Amendments Justifies |  |  | √ |  |
| 7 | Aerodrome/Heliport Chart Aerodrome Ground Movement Chart Aerodrome Parking/Docking Chart | | | When Accumulation Of Hand Amendments Justifies |  |  | √ |  |
| 8 | World Aeronautical Chart 1:1 000 000 Aeronautical Chart 1:500 000 Aeronautical Navigation Small Scale | | | Base — 4 Years Aeronautical Information —1 – 2 Years, In Congested Areas The Aeronautical Information May Be Revised More Frequently. |  |  | √ |  |
| 9 |  | Plotting Chart | | | Significant Change In Aeronautical Information |  |  | √ |  |
| D | **Preparation Of Specific Charts** | | | | | | |  |  |
| 1 | Scale | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 2 | Marginal Note Layout | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 3 | North Alignment | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 4 | Projection | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 5 | Titles | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 6 | Symbol | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 7 | Dates of Aeronautical Information | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 8 | Units of Measurement | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 9 | Spelling of Geographical Names | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 10 | Abbreviation | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 11 | Political Boundary | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 12 | Colors | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 13 | Selection of Types | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 14 | Culture | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 15 | Topography | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 16 | Prohibited, Restricted and Danger Areas | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 17 | Air Traffic Service Airspaces | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 18 | Magnetic Variation | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 19 | Air Traffic Services Symbols | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 20 | Radio Navigation Aids Symbols | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 21 | Application of Radio Navigation Aids Symbols | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 22 | Profile views | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 23 | WGS-1984 Implementation | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 24 | Coordinate System | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 25 | Order of Accuracy (Horizontal/ Vertical) Annex 4,14,15 | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| F | **Aerodrome Chart** | | | | | | | | |
| 1 | Coverage | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 2 | scale | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 3 | Format | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 4 | Title | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 5 | Identification | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 6 | Marginal note layout | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 7 | Symbols | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 8 | Units of measurement | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 9 | Date of aeronautical information | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 10 | Spelling of geographical names | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 11 | Abbreviations | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 12 | Colours | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 13 | Typography | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 14 | Culture and topography | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 15 | Magnetic variation | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 16 | Aerodrome/heliport data | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| G | Instrument Approach Chart (Doc 8697- 7.11 INSTRUMENT APPROACH CHART — ICAO) | | | | | | | | |
| 1 | Coverage | | | | |  |  |  |  |
| 2 | Scale | | | | | √ |  |  |  |
| 3 | Circle | | | | | √ |  |  |  |
| 4 | Distance Scale | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 5 | Format -210 × 148 Mm (8.27 × 5.82 In) | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 6 | Projection-Conformal Projection On Which A Straight Line Approximates A Great Circle Must Be Used. A Lambert Conic Conformal Projection | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 7 | Graduation Marks | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 8 | Title | | | | | √ |  |  |  |
| 9 | Identification | | | | | √ |  |  |  |
| 10 | Marginal Note Layout | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 11 | Symbols | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 12 | Units Of Measurement | | | | | √ |  |  |  |
| 13 | Date Of Validity Of Aeronautical Information | | | | | √ |  |  |  |
| 14 | Spelling Of Geographical Names | | | | | √ |  |  |  |
| 15 | Abbreviations | | | | | √ |  |  |  |
| 16 | Political Boundaries | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 17 | Colours | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 18 | Typography | | | | | √ |  |  |  |
| 19 | Cultural Information | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 20 | Relief | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 21 | Spot Elevations | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 22 | Magnetic Variation | | | | | √ |  |  |  |
| 23 | Bearings, Tracks And Radials | | | | | √ |  |  |  |
| 24 | Bearings, Tracks And Radials Note | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 25 | Aerodrome Elevation | | | | | √ |  |  |  |
| 26 | Threshold Elevation Or, The Highest Elevation Of The Touchdown Zone | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 27 | Topographic Information | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 28 | Obstacles | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 29 | Vertical Datum | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 30 | Prohibited, Restricted And Danger Areas | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 31 | Radio Communication Facilities And Navigation Aids | | | | | √ |  |  |  |
| 32 | IAF, IF, FAF, FAP, Mapt Establish | | | | | √ |  |  |  |
| 33 | RNAV Track | | | | |  |  | √ | Not as per ICAO Doc 8697 |
| 34 | RCOM Frequencies | | | | |  |  | √ | Not as per ICAO Doc 8697 |
| 35 | MSA, TAA | | | | | √ |  |  |  |
| 36 | Approach Procedure Track | | | | | √ |  |  |  |
| 37 | Missed Approach Procedure Track | | | | | √ |  |  |  |
| 38 | Additional Procedure Track | | | | | √ |  |  |  |
| 39 | Bearings, Tracks, Radials- Degree And Distance | | | | | √ |  |  |  |
| 40 | Holding Pattern | | | | | √ |  |  |  |
| 41 | Caution Note | | | | | √ |  |  |  |
| 42 | RNAV Aids Distance | | | | |  |  | √ | Not as per ICAO Doc 8697 |
| 43 | Profile Of Approach Procedure | | | | | √ |  |  |  |
| 44 | Ground Profile | | | | |  | √ |  | Not as per ICAO Doc 8697 |
| 45 | Aerodrome Operating Minima | | | | | √ |  |  |  |
| 46 | Approach Calculation | | | | | √ |  |  |  |