# INDEX

**AIRCRAFT ONBOARD DOCUMENTS**

## MANDATORY DOCUMENTS

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Documents / Subject</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Certificate of Registration</td>
<td>(C of R)</td>
</tr>
<tr>
<td>2</td>
<td>Certificate of Airworthiness</td>
<td>(C of A)</td>
</tr>
<tr>
<td>3</td>
<td>Air-Operator Certificate</td>
<td>(Operation Specification)</td>
</tr>
<tr>
<td>4</td>
<td>Insurance Certificate</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Certificate of Aircraft Radio Installation</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Mobile Wireless License</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Payment Acknowledgement for PTA License</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Weighing Certificate</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Certificate of Maintenance Review</td>
<td>(C of MR) Refer Tech. Log Book</td>
</tr>
<tr>
<td>10</td>
<td>Technical Log Book</td>
<td></td>
</tr>
</tbody>
</table>

## SUPPLEMENT DOCUMENTS

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Documents / Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dent &amp; Repair Chart</td>
</tr>
</tbody>
</table>
CIVIL AVIATION AUTHORITY  
(PAKISTAN)  
CERTIFICATE OF REGISTRATION

CERTIFICATE NO. 562/1

<table>
<thead>
<tr>
<th>1. Nationality &amp; Registration Marks.</th>
<th>2. Manufacturer &amp; Manufacturer's Designation of Aircraft.</th>
<th>3. Aircraft Serial Number.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP-BBN</td>
<td>CESSNA AIRCRAFT COMPANY WICHITA KANSAS USA (CESSNA 172-N)</td>
<td>17271879</td>
</tr>
</tbody>
</table>

4. Name of Owner: PAKISTAN INTERNATIONAL AIRLINES CORPORATION

Address of Owner: PIA HEAD OFFICE, BUILDING JINNAH INTERNATIONAL AIRPORT, KARACHI

5. It is hereby certified that above described aircraft has been entered on the Aircraft Register in accordance with the Convention on International Civil Aviation dated 7th December, 1944 Civil Aviation Ordinance 1960 and the rules made thereunder.

(ENGR. GHULAM MURTAZA)
DIRECTOR AIRWORTHINESS

Date of Issue: 1st November, 2010  for  DIRECTOR GENERAL

NOTE: If there is any change in the ownership of the aircraft or the aircraft is destroyed or permanently withdrawn from use, the registration and this Certificate become void. Under these conditions this Certificate shall be returned immediately to Director General Civil Aviation Authority along-with pertinent information completed on the reverse.
PAKISTAN
CIVIL AVIATION AUTHORITY
Airworthiness Directorate

CERTIFICATE OF AIRWORTHINESS

CERTIFICATE NO. 515/3

1 Nationality & Registration Marks
AP-BBN

2 Manufacturer & Manufacturer’s Designation of Aircraft
CESSNA AIRCRAFT COMPANY
WICHITA, KANSAS, USA
(CESSNA 172-N)

3 Aircraft Serial Number
17271879

4 Category
(i) Aerial Work Operation
(Subject to limitations of operating licence issued)

5 This Certificate of Airworthiness is issued, pursuant to the Convention of International Civil Aviation dated 7th December, 1944, FAA CAR 3, Civil Aviation Ordinance 1960 and the rules made there under in respect of the mentioned aircraft which is considered to be Airworthy when maintained and operated in accordance with the forgoing and the pertinent limitations.

Date of Issue: 05 May, 2016

(Engr. SYED SHAUKAT HAMEED)
DIRECTOR AIRWORTHINESS
DIRECTOR GENERAL

This certificate is valid for the period(s) shown below:

From 29.03.2017 to 28.03.2018
From 29.03.2018 to 28.03.2019
From 26.07.2019 to 25.07.2020
From 26.07.2020 to 25.07.2021
From to
From to

Signature, official stamp & date

NOTE:
No entries or endorsements may be made on this Certificate except in the manner and by the person authorized for that purpose by the Director General Civil Aviation Authority. If this Certificate is lost, the Director General Civil Aviation Authority should be informed at once, the Certificate No. being quoted.

Any person finding this Certificate should forward it immediately to the Director General Civil Aviation Authority, Jinnah International Airport, Karachi, Pakistan.
AOC NO: 022/FS

EXPIRY DATE:
31st July, 2017

PIA's SBB Flight Academy,
Room No. 134, PIA Training Centre,
Pakistan Int'l Airlines, JIAP, Karachi

TELEPHONE NO.(s) +92 21 99043755

FAX NO. +92 21 99043550

E-MAIL: cfiacademy@piac.aero

OPERATIONAL POINTS OF CONTACT: 0323-2326856
Chief Pilot
TEL: +92 21 99043755
FAX: +92 21 99043550
E-Mail: cfiacademy@piac.aero

This certificate certifies that M/S PIA's SBB FLIGHT ACADEMY is authorized to perform Flying School Operations, as defined in the attached operations specifications, in accordance with the Operations Manual and Part-VI, Section 1, of CARs 94.

This certificate is valid subject to validity of Flying School Licence issued by Directorate of Air Transport, Civil Aviation Authority.

Date of issue:
01st August, 2016

(ASIM SULEIMAN)
Air Marshal (Retd.)
Director General
Civil Aviation Authority
Pakistan

PT. KHALID MAHMOOD
Additional Director
General Aviation (South)
Pakistan Civil Aviation Authority
JIAP, Karachi
# OPERATIONS SPECIFICATIONS

**PAKISTAN CIVIL AVIATION AUTHORITY CONTACT DETAILS**

Telephone: +92 21 99242766  
Fax: +92 21 99242767  
E-mail: dfs@caapakistan.com.pk

**AOC #: 022/FS (Class-II)**  
Operator Name: **M/S PIA's SBB FLIGHT ACADEMY**  
DbA Trading Name: **M/S PIA's SBB FLIGHT ACADEMY**

(CAPT. ARIF MAJEED)
Director Flight Standards  
Flight Standards Directorate  
HQs Civil Aviation Authority

**Date:** 29.12.16  
**Signature:**

<table>
<thead>
<tr>
<th>Aircraft Model</th>
<th>Aircraft Registration No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-172</td>
<td>AP-BAJ</td>
</tr>
<tr>
<td>C-172</td>
<td>AP-BBN</td>
</tr>
</tbody>
</table>

Types of operations:  
- Flying School  
- Commercial Air Transportation  
- Passenger  
- Cargo  
- Others

Rating Authorized:  
- Instrument Rating  
- Training Authorized: PPL, CPL, FRTO

**Area(s) of Operation:** Domestic (All Pakistan CAA Approved Airfields)

Special Limitations: **NIL**

<table>
<thead>
<tr>
<th>SPECIAL AUTHORIZATIONS</th>
<th>YES</th>
<th>NO</th>
<th>SPECIFIC APPROVALS</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dangerous Goods</td>
<td>☑</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Low Visibility Operations | ☑   | ☑  | CAT I VIS 1600 m DH 400 ft | V.F.R. OPS  
Local 3.0 Km  
X-Country 5.0 KM |
| Approach and Landing    | ☑   | ☑  | VIS 800 Km          |         |
| Take-off                | ☑   | ☑  |                     |         |
| Operational Credits(s)  | ☑   | ☑  |                     |         |
| RVSM                    | ☑   | ☑  |                     |         |
| EDTO                    | ☑   | ☑  | Threshold time ______ minutes |         |
|                         |     |    | Maximum time ______ minutes |         |
| Navigation Specifications for PBN operations | ☑ |   |                     |         |
| Continuing Airworthiness| ☑   | ☑  | PIA, SBB's Flight Academy  
Mr. Muhammad Aslam Tariq  
Cell No. 0322-8247119 |         |
| EFB                     | ☑   | ☑  |                     |         |
| Others                  | ☑   | ☑  |                     |         |

(CAPT. KHALID MAHMOOD)  
Additional Director  
General Aviation (South), FSD  
HQs Civil Aviation Authority
Mr. Farhan Ansari  
Manager  
Finance Department, Insurance Section  
Pakistan International Airlines  
New Press Building,  
Head Office Karachi Airport,  
Karachi.

PIAC - SHAHEED BENAZIR BHUTTO FLIGHT ACADEMY (SBBFA)  
IN REPECT OF 02 CESSNA AIRCRAFT  
(INSURANCE COVER FOR HULL AND TPL)  
FOR THE PERIOD FROM 26-10-2017 TO 25-10-2018,  
AND PERSONAL ACCIDENT TO CREW INSURANCE  

Dear Sir,

As desired, we enclose herewith following endorsements in respect of 02 Cessna Aircrafts of Shaheed Benazir Bhutto Flight Academy (SBBFA) for your record. The detail is given below:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>ENDORSEMENT NO.</th>
<th>AIRCRAFT</th>
<th>RISK</th>
<th>PERIOD OF INSURANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>NAV-SBBFA-07/17</td>
<td>02 CESSNA</td>
<td>Hull &amp; TPL</td>
<td>26-10-2017 to 25-10-2018</td>
</tr>
<tr>
<td>02</td>
<td>NAV-SBBFA-08/17</td>
<td>02 CESSNA</td>
<td>PA to Crew</td>
<td>27-04-2017 to 26-04-2018</td>
</tr>
</tbody>
</table>

Yours Sincerely,

Asad Ali Sheikh  
Head of Reinsurance

Enclosed: As above.
CONTRACT ENDORSEMENT

<table>
<thead>
<tr>
<th>Policy No.</th>
<th>NAV-SBBFA-78-00291-2/17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Endorsement No.</td>
<td>NAV-SBBFA-07/17</td>
</tr>
<tr>
<td>Insured</td>
<td>PIAC - SHAHEED BENAZIR BHUTTO FLIGHT ACADEMY (SBBFA).</td>
</tr>
<tr>
<td>Type</td>
<td>Hull &amp; Third Party Liability Insurance</td>
</tr>
</tbody>
</table>

CONTRACT CHANGES

This contract is amended as follows:

Underwriter hereon note and agree to amend the policy period to start from 26th October 2017, and expire midnight 25th October 2018, local standard time at the Insured’s address as held herein.

Subject to no loss till date.

All other terms and condition remain unchanged.
NO. RC/AP-BBN/AW/1

Type of Aircraft: CESSNA 172N
Nationality and Registration Mark: AP-BBN
Operator: PIA SBB FLIGHT ACADEMY

This aircraft radio apparatus, has been inspected by CAA (Pak) and its installation is approved as complying with the requirements in accordance with relevant Civil Aviation Rules.

<table>
<thead>
<tr>
<th>Name of Equipment</th>
<th>Quantity</th>
<th>Manufacturer</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>i. VHF Communication</td>
<td>02</td>
<td>TKM/ARC</td>
<td>MX-385-B/RT-385</td>
</tr>
<tr>
<td>ii. ADF</td>
<td>01</td>
<td>Bendix / King</td>
<td>KR-87</td>
</tr>
<tr>
<td>iii. Marker</td>
<td>01</td>
<td>ARC</td>
<td>R-402A</td>
</tr>
<tr>
<td>iv. DME</td>
<td>01</td>
<td>Bendix / King</td>
<td>KN-64</td>
</tr>
<tr>
<td>v. ATC Transponder</td>
<td>01</td>
<td>Bendix / King</td>
<td>KT-76A</td>
</tr>
<tr>
<td>vi. Intercommunication</td>
<td>01</td>
<td>Bendix / King</td>
<td>KMA-24</td>
</tr>
<tr>
<td>vii. ELT</td>
<td>01</td>
<td>Wulfsberg Electronics (Cobham Avionics)</td>
<td>ME 406</td>
</tr>
<tr>
<td>viii. VHF Nav.</td>
<td>02</td>
<td>TKM/ARC</td>
<td>MX-385-B/RT-385</td>
</tr>
</tbody>
</table>

Ref. HQCAA/2209/BBN-II/AW
Dated: 16th August, 2013

(Engr. S. SHAUKAT HAMEED)
Offtg. DIRECTOR AIRWORTHINESS
DIRECTOR GENERAL
CIVIL AVIATION AUTHORITY
KARACHI, PAKISTAN
GOVERNMENT OF PAKISTAN
PAKISTAN TELECOMMUNICATION AUTHORITY
HQs, F-5/1, Islamabad, Pakistan
Tel: 051-9225353, Fax: 051-9225321, http://www.pta.gov.pk

No. W.16-12/2011/2/17 June 12, 2020

Subject: PAYMENT ACKNOWLEDGEMENT

Your payment amounting to Rs. 5,000/- (against CallSign AP-BBN) received on 20 May, 2020 through Instrument No. 1789129 dated 14-05-2020 (Composite payment of Rs. 150,000/-) is acknowledged for the period ending 30 Jun, 2021, subject to validity of license.

Abida Shaukat
Director (RBS)

Note: All efforts will be made for issuance of demand note (DN) for recovery of annual spectrum charges/annual license fee well before the 30th June each year for subsequent financial year at the address available or provided at the time of application. However, it is primarily responsibility of the licensee to make/clear payment by 30th June each year till the validity of the license, whether DN is received or not. Any failure in this regard will result in cancellation of license as per clause 9.3 and 8.4 of the terms & conditions of the license.

Change in postal address, if any, may be intimated to this office to update the record for future correspondence, please.

To:

Mr. Ahmed Nadeem Pasha, Deputy General Manager Communications (Wireless)
Pakistan International Airlines, Karachi
Room No.83, PIA Head Office Building Jinnah International Airport, Karachi
Tel: 021-99043830, 021-99044854, Fax: 021-34570419, 34572225 Cell # 0333-305534542
The巴基斯坦电信管理局（以下简称“PTA”）， hereby pleased to grant a non-exclusive license to Pakistan International Airlines (hereinafter called the “Licensee”) to establish, maintain and operate Wireless Mobile Station License wireless fixed or mobile stations or both in Pakistan, as mentioned above, on the terms and conditions (attached as Annex-I) in the license in exercise of the powers conferred by section 5 of Pakistan Telecommunication (Re-organization) Act, 1996. The detail of the system/network is on the back side.

(For and on behalf of Pakistan Telecommunication Authority)

Office Stamp
PTA Headquarters
Islamabad
dated 18 Jan 2017
Issued To: Pakistan International Airlines

Detail of the System / Network

<table>
<thead>
<tr>
<th>Sr.</th>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Station</td>
<td>Nawab Shah/ Karachi</td>
</tr>
<tr>
<td></td>
<td>Place of Station (Place at which license apparatus be established)</td>
<td>Mobile Station License</td>
</tr>
<tr>
<td></td>
<td>Type of Station (Fixed, land, mobile, aeronautical, coastal)</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Call Sign</td>
<td>AP-BBN</td>
</tr>
<tr>
<td>3.</td>
<td>Nature &amp; type of Service</td>
<td>Aeronautical</td>
</tr>
<tr>
<td></td>
<td>a. HF,VHF</td>
<td>Commercial</td>
</tr>
<tr>
<td></td>
<td>b. Commercial, noncommercial, broadcasting</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Detail of Licensed Apparatus</td>
<td>Sr. Equipment</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Qty</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1  Honey Well</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Ex-Bendix King)</td>
</tr>
<tr>
<td>5.</td>
<td>Aircraft Type</td>
<td>Cessna 172N</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MSN-17271879</td>
</tr>
<tr>
<td>6.</td>
<td>Home Airport</td>
<td>Nawab Shah/ JIAP, Karachi</td>
</tr>
</tbody>
</table>

This License shall come into force on the date of issuance and shall be valid for a period of Five year(s) (Max. five) subject to clearance of outstanding dues if any and endorsement of license by PTA and subject to the payment of such fee as PTA may specify from time to time and demand through demand notes, bills or any other mode.

Pakistan International Airlines (the licensee) shall pay spectrum charges as per the new Spectrum Charging Regime, as and when introduced by the Authority.

Pakistan International Airlines agrees to abide the terms and conditions contained in the Annexure I of the license.

For and on behalf of PTA
Director (RBS)
Office Stamp
PTA Headquarters
Islamabad

For and on behalf of Licensee
M. Faisal Lakhani
Director (Manager Information Technology)
Office Stamp
WEIGHING FORM

MODEL NO. CESSNA 172-N
MSN 17271879
REG NO. AP-BBN
NATIONALITY PAKISTANI
DATE 11-Mar-15
REASON 4 yearly
PLACE KARACHI

WEIGHING EQUIPMENT: INTERCOMP MODEL AC30-60 PLATFORM SCALES

<table>
<thead>
<tr>
<th>SCALE POSITION</th>
<th>SCALE READING (lbs)</th>
<th>ZERO ERROR</th>
<th>SYMBOL</th>
<th>NET WEIGHT (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEFT WHEEL</td>
<td>530</td>
<td>0</td>
<td>L</td>
<td>530</td>
</tr>
<tr>
<td>RIGHT WHEEL</td>
<td>560</td>
<td>0</td>
<td>R</td>
<td>560</td>
</tr>
<tr>
<td>NOSE WHEEL</td>
<td>426.7</td>
<td>0</td>
<td>N</td>
<td>426.7</td>
</tr>
<tr>
<td>SUM OF NET WEIGHTS (AS WEIGHED)</td>
<td>0</td>
<td>W</td>
<td>1516.70</td>
<td></td>
</tr>
</tbody>
</table>

MAXIMUM TAKEOFF GROSS WEIGHT 2300 lbs

\[
X = \text{ARM} = (A) \cdot \left(\frac{N}{B}\right)
\]

\[
W = \frac{1516.7}{1516.7}
\]

\[
\text{ARM} = 39.41
\]

- **NLG**
  - LEFT MLG 3
  - RIGHT MLG 2

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>WEIGHT (lbs)</th>
<th>ARM (ins)</th>
<th>MOMENT/1000 (lb-ins)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIRPLAN WEIGHT AS WEIGHED</td>
<td>1516.70</td>
<td>39.41</td>
<td>59.78</td>
</tr>
<tr>
<td>ADDITIONAL ITEM AS PER FORM A</td>
<td>6.00</td>
<td>57.80</td>
<td>0.35</td>
</tr>
<tr>
<td>MISSING ITEM AS PER FORM B</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>EMPTY WEIGHT</td>
<td>1510.70</td>
<td>39.34</td>
<td>59.43</td>
</tr>
</tbody>
</table>

Prepared By: Engr. M Bilal 12/3/15
Verified By: Engr. Saeed Akhtar Gondal 12/3/15

PIAC ENGINEERING
A/E Asif Farhan
TSE (BM)

Engr. Muntaz Ali Khan
Joint Director Airworthiness
Controller of Airworthiness (South)
PCAA, JIAP, Karachi
PCAA

Engr. Muntaz Ahmed
Directorate of Airworthiness
Pakistan International
Engineering & Maintenance

Certificate of Maintenance Review (C of MR)

Aircraft Type: CESSNA 172N  Registration Mark: AP-BBN
Aircraft Hours: 12063 : 25  Aircraft Cycles: 11100

I hereby certify that I have reviewed all the documents of the above mentioned aircraft, which are completed and are in accordance with the approved maintenance schedule. All the maintenance specified in the approved maintenance schedule, Mandatory, Modification, SB's, AD's, CPCP task and all other Mandatory, requirements have been carried out appropriately as per specified time schedule. The aircraft is fully airworthy and meets all the safety / Airworthiness standards and all applicable Mandatory requirements are duly complied with.

This Certificate of Maintenance Review (CMR) is valid until 19-12-2020 (date)

I am fully conversant with relevant Rules of CARs 94, ANOs and Airworthiness Notices.

Signature: 
Name: NOORUL QADIR
Chief Engineer Quality Assurance
AME No. 1436
Date: 22/06/2020