

## PAKISTAN AERONAUTICAL COMPLEX BOARD, KAMRA AVIATION DESIGN INSTITUTE

Applications are invited from the citizens of Pakistan for employment against following vacant post (on contract basis) having requisite qualification, age limit and provincial quota as mentioned against the posts within 15 days of advertisement:

Please follow the link to apply online:  <https://forms.gle/NcCrVC6azFYxYrB39>

(For any query call at 051-9099-2146)

### AVAILABLE POSITIONS

SNo	Name of Post	BPS	Qualification & Experience	Max Age Limit	No of Posts	Regional Quota
1.	Subject Matter Expert (Consultant)  <b>Composite Design &amp; Manufacturing</b>	N/A	<p>(a) PhD / MS in Mechanics of Composites / Materials / Mechanical / Aerospace and relevant fields from HEC recognized institute / university.</p> <p>(b) Bachelors in Engineering from recognized institute / university.</p> <p>(c) Expertise and relevant hands on experience of developing and building composite structure for complex structures.</p> <p>(d) The SME shall provide technical expertise in design, analysis, and manufacturing of large composite structures</p> <p>(e) Guide the design of large composite structures by collaborating with process and manufacturing engineers to accurately define mechanical requirements, design laminate schedules, analyze structures, produce built-to manufacturing drawings as or quality assurance standards</p> <p>(f) Plan &amp; implement structural analysis plans which will be used to verify design and fulfil qualification requirements</p> <p>(g) Vast experience in fabrication, adhesive bonding, metallic and composite structural assemblies and hardware. SME shall review and approve concepts for composite layup design, hybrid (hardware &amp; adhesive) bonding, manufacturing and assembly.</p> <p>(h) Preference would be given to candidates having 10-15 years post qualification experience in relevant field from Govt / Semi Govt Organization or Firm of repute.</p> <p>*SME shall provide design &amp; development assistance remote or on-site based on the requirements.</p>	59 years	01	Merit

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2.	Subject Matter Expert (Consultant)  <b>Structure Testing</b>	N/A	<p>(a) PhD / MS in Materials / Mechanical / Aerospace and relevant fields from HEC recognized institute / university.</p> <p>(b) Bachelors in Engineering from recognized institute / university.</p> <p>(c) Expertise and relevant hands on experience of testing the aircraft structures to check damage tolerance, durability and stability.</p> <p>(d) Ability to guide the process for metal &amp; composite structures verification especially in aircrafts and provide guidelines for testing &amp; qualification process.</p> <p>(e) SME shall verify the test plan designed for testing of structures as per FAR requirements.</p> <p>(f) SME may be engaged for material testing of coupons, component testing (Durability tests of aircraft components like wings, fuselage etc), Full-scale testing (structure tests of the whole aircraft structure and limit / ultimate load test</p> <p>(g) Preference would be given to candidates having 10-15 years post qualification experience in relevant field from Govt / Semi Govt Organization or Firm of repute.</p> <p>*SME shall provide assistance during testing process on-site while remote guidance shall be required during test scheme designing &amp; planning process.</p>	59 years	01	Merit
3.	Subject Matter Expert (Consultant)  <b>Flight Control Systems Development</b>	N/A	<p>(a) PhD / MS in Computer Engineering / Control Systems / Electronics / Electrical / Avionics / Mechatronics and relevant fields from HEC recognized institute / university.</p> <p>(b) Bachelors in Engineering from recognized institute / university.</p> <p>(c) Expertise in design of control system for unmanned aerial vehicles</p> <p>(d) Expertise in design and development of multiprocessor systems</p> <p>(e) Expertise in design of air-data and inertial sensor systems for avionics applications. Software development for embedded micros, diagnostic and control systems</p> <p>(f) SME shall be required for design and analysis of digital flight control systems, focused research on flight dynamics and control, flight control computer design.</p> <p>(g) Preference would be given to candidates having 10-15 years post qualification experience in relevant field from Govt / Semi Govt Organization or Firm of repute.</p> <p>*SME shall provide design &amp; development assistance remote or on-site based on the requirements.</p>	59 years	01	Merit

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4.	Program Manager <b>Project Management</b>	18	(a) PhD / MS in Project / Engineering Management or equivalent from HEC recognized institute / university. (b) Bachelors in Engineering from recognized institute / university. Preference would be given to candidates having 05 years post qualification experience in program management from Govt / Semi Govt Organization or Firm of repute.	40 years	01	Merit
5.	Senior Design Officer <b>Systems Engineering</b>	18	(a) PhD / MS in Systems Engineering from HEC recognized institute / university (b) BS / BE in Electrical / Electronics / CS / Computer Engineering / Software / Avionics / Mechanical / Mechatronics / Industrial / Manufacturing or equivalent from recognized institute / university. Preference would be given to candidates having 03 years post qualification experience in systems engineering from Govt / Semi Govt Organization or Firm of repute.	35 years	01	Merit
6.	Senior Design Officer <b>Metal / Composite Design &amp; Manufacturing</b>	18	(a) PhD / MS in Materials / Manufacturing / Mechanical from HEC recognized institute / university. (b) Bachelors in Mechanical / Metallurgy / Industrial / Manufacturing or equivalent from recognized institute / university. Preference would be given to candidates having 02-03 years post qualification experience in composite design & manufacturing, composite layup & fabrication process from Govt / Semi Govt Organization or Firm of repute.	35 years	01	Merit
7.	Senior Design Officer <b>Artificial Intelligence &amp; Computer Vision</b>	18	(a) PhD / MS in Artificial Intelligence from HEC recognized institute / university. (b) BS in Electrical / Electronics / Avionics / Mechatronics or equivalent from recognized institute / university. (c) Expertise in Python, C++, Computer vision, Image processing, AI and ML Preference would be given to candidates having 03 years post qualification experience in relevant field from Govt / Semi Govt Organization or Firm of repute.	35 years	01	Merit

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8.	Senior Design Officer <b>Flight Control System</b>	18	(a) PhD / MS in Avionics / Aerospace or Control Systems or equivalent from HEC recognized institute / university. (b) At least 2 years of experience in flight control systems design and development Preference would be given to candidates having expertise in MATLAB / Simulink / C++.	35 years	01	Merit
9.	Design Officer <b>Aircraft Assembly</b>	17	(a) MS / BS in Mechanical / Structures / Manufacturing or equivalent from HEC recognized institute / university. Preference would be given to candidates having 02 years post qualification experience in final assembly / sub-assembly, aircraft production, metal and composite airframes, hardware, tooling, design & manufacturing from Govt / Semi Govt Organization or Firm of repute, preferably PAC	30 years	01	Merit
10.	Design Officer <b>Quality Assurance / Quality Control / Aircraft Testing</b>	17	(a) MS / BS in Mechanical / Structures / Manufacturing or equivalent from HEC recognized institute / university. Preference would be given to candidates having 02 years post qualification experience in Quality Control & Quality Assurance , quality compliance & quality certifications from Govt / Semi Govt Organization or Firm of repute, preferably PAC	30 years	01	Merit
11.	Design Officer <b>Industrial / Manufacturing</b>	17	(a) MS / BS in Industrial / Manufacturing / Structures Engineering or equivalent from HEC recognized institute / university. Preference would be given to candidates having 02 years post qualification experience in Technical Datapack / Technology / Manufacturing / Assembly / Sub-assembly, from Govt / Semi Govt Organization or Firm of repute, preferably PAC	30 years	02	Merit
12.	Design Officer <b>Metal Parts Design &amp; Manufacturing</b>	17	(a) MS / BS in Materials / Mechanical / Industrial Manufacturing from HEC recognized institute / university. Preference would be given to candidates having 02 years post qualification experience in relevant field from Govt / Semi Govt Organization or Firm of repute.	35 years	01	Merit
13.	Design Officer <b>Composite Design &amp; Manufacturing</b>	17	(a) MS / BS in Materials / Mechanical / Industrial / Aerospace or equivalent from HEC recognized institute / university. Preference would be given to candidates having 02-03 years post qualification experience in composite design & manufacturing from Govt / Semi Govt Organization or Firm of repute.	30 years	01	Merit

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14.	Design Officer <b>Ni Hardware &amp; LabView</b>	17	(a) MS / BS in Electronics / Electrical Engineering or equivalent from HEC recognized institute / university. (b) Expertise in LabVIEW, Veristand, NI DAQ and preferably MATLAB. Preference would be given to candidates having 02 years post qualification experience in relevant field from Govt / Semi Govt Organization or Firm of repute.	30 years	01	Merit
15.	Design Officer <b>PCB Design &amp; Manufacturing</b>	17	(a) MS / BS in Electronics / Electrical Engineering or equivalent from HEC recognized institute / university. Preference would be given to candidates having 02 years post qualification experience in PCB designing from Govt / Semi Govt Organization or Firm of repute.	30 years	01	Merit
16.	Design Officer <b>Network Management &amp; Cyber Security</b>	17	a) MS / BS (IT) or equivalent from HEC recognized institute / university. 10 years of experience in Network management & cyber security and server management	30 years	01	Merit
17.	Design Officer <b>Configuration Management</b>	17	(a) MS / BS in Software Engineering / Computer Sciences or equivalent from HEC recognized institute / university. (b) Expertise in C #, dot NET, PHP frameworks, SQL & MySQL database Preference would be given to candidates having 02 years post qualification core development experience in relevant field from Govt / Semi Govt Organization or Firm of repute.	30 years	01	Merit
18.	Design Officer <b>Production Planning &amp; Control Officer</b>	17	(a) MS / BS in Industrial manufacturing / Mechanical / Mechatronics / MBA / BBA or equivalent from HEC recognized institute / university. Preference would be given to candidates having 02 years post qualification Production & planning industrial experience / relevant field from Govt / Semi Govt Organization or Firm of repute experience	30 years	01	Merit
19.	Design Officer <b>Aerodynamic Design and FDM</b>	17	(a) MS / BS in Aeronautical Engineering or equivalent from HEC recognized institute / university. (b) At least 2 years of experience in design and development of aircraft design and flight dynamics modelling. Preference would be given to candidates having expertise in MATLAB / Simulink / C++.	30 years	02	Merit

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20.	Design Officer  <b>Software / Computer Science / IT</b>	17	(a) MS / BS in Computer Science / Software Engineering or equivalent from HEC recognized institute / university. (b) At least 2 years of experience in software industry with considerable skill in software development. Preference would be given to candidates having expertise in web development / C++ / python / QT / OS / labview and networking.	30 years	01	Merit
21.	Design Supervisor  <b>Flight Test Station</b>	16	(a) B.Tech / DAE (Flight test engineer / Avionics / Aerospace) or equivalent from recognized institute. (b) Experience (05-10 years) in Flight Testing Station (FTS), flight testing and ground testing experience  OR Preference would be given to Ex Serviceman (Airframe / Engine Fitter) having relevant experience in flight testing, ground testing from Govt / Semi Govt Organization or Firm of repute.	48 years	01	Merit
22.	Design Supervisor  <b>Aircraft Sub Assembly</b>	16	a) B.Tech / DAE (General / Mechanical) or equivalent from recognized institute. b) HTV driving license and experience in aircraft maneuvering area. c) Experience (05-10 years) in various sub / final assemblies, wing / fuselage assembly process of aircraft  OR Preference would be given to Ex Serviceman (General / Airframe Fitter) having relevant experience in airframe assembly from Govt / Semi Govt Organization or Firm of repute.	48 years	02	Merit
23.	Design Supervisor  <b>Aircraft Final Assembly</b>	16	a) B.Tech / DAE (General / Mechanical) or equivalent from recognized institute. b) Experience (05-10 years) in various sub / final assemblies, wing / fuselage assembly process / manufacturing of aircraft  OR Preference would be given to Ex Serviceman (Airframe) having relevant experience in airframe assembly from Govt / Semi Govt Organization or Firm of repute.	48 years	02	Merit

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24.	Design Supervisor <b>Tooling (Jigs, fixtures)</b>	16	(a) B.Tech / DAE (General / Mechanical) or equivalent from recognized institute. (b) Experience (05-10 years) in tooling & fixtures of aircraft /manufacturing / assembly process of aircraft  OR Preference would be given to Ex Serviceman (machinist / metal worker)having relevant experience in tooling (jigs, fixtures etc.) from Govt / Semi Govt Organization or Firm of repute.	48 years	01	Merit
25.	Design Supervisor <b>Propulsion System</b>	16	(a) B.Tech / DAE (Mechanical / Propulsion) or equivalent from recognized institute. (b) Experience (05-10 years) in aircraft engine overhaul, maintenance, repair and assembly (preferably Rotax engine)  OR Preference would be given to Ex Serviceman (engine fitter) having relevant experience in engines from Govt / Semi Govt Organization or Firm of repute.	48 years	01	Merit
26.	Design Supervisor <b>UAV Flying Pilot</b>	16	a) Experience (05-10 years) of flying different Remote Control aircrafts / powered aircraft / unmanned aerial vehicles (UAVs) (Fixed Wing and Multi Copters)  OR Preference would be given to Ex Serviceman having experience in UAV flying from Govt / Semi Govt Organization or Firm of repute.	48 years	01	Merit
27.	Design Supervisor <b>Quality Assurance / Quality Control</b>	16	(a) B.Tech / DAE (Mechanical / Electrical / Electronics / General) or equivalent from recognized institute. (b) Experience (05-10 years) of quality assurance, quality control, parts quality and conformance checks, ISO & military standards compliance department  OR Ex JCO having relevant experience in relevant trade. Preference would be given to Ex Serviceman having experience in quality assurance / quality control from Govt / Semi Govt Organization or Firm of repute.	48 years	02	Merit

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28.	Design Supervisor <b>Project Planning, Organizing &amp; Control</b>	16	(a) Bachelor / DAE (Administration/ General) or equivalent from recognized institute. (b) Experience (05-10 years) of production planning office (PPO), production support and planning team OR Ex JCO having relevant experience in relevant trade. Preference would be given to Ex Serviceman having experience in in Project Management Office / Project Planning Organizing from Govt / Semi Govt Organization or Firm of repute.	48 years	02	Merit
29.	Design Supervisor <b>Logistics / Contracts</b>	16	(a) Bachelor / DAE (Administration / Logistics) or equivalent from recognized institute. (b) Experience (05-10 years) of logistics, warehouse / inventory and store management / supply chain department OR Ex JCO having relevant experience in relevant trade. Preference would be given to Ex Serviceman having experience in logistics / finance / accounts from Govt / Semi Govt Organization or Firm of repute.	48 years	02	Merit
30.	Design Supervisor <b>Weapon / Armament</b>	16	(a) B.Tech / DAE (Electrical / Electronics / Armament) from recognized institute. (b) Experience (05-10 years) of armaments / weapons in aircraft OR Preference would be given to Ex Serviceman (EOD / Armament/ Payload) having experience of armaments / weapons in aircraft from Govt / Semi Govt Organization or Firm of repute.	48 years	01	Merit
31.	Design Supervisor <b>Instrument</b>	16	(a) B.Tech / DAE (Electrical / Electronics / Instrumentation) from recognized institute. (b) Experience (05-10 years) on instrumentation of aircrafts OR Ex JCO having relevant experience in relevant trade. Preference would be given to Ex Serviceman(electromech / instrument) having experience on instrumentation of aircrafts from Govt / Semi Govt Organization or Firm of repute.	48 years	01	Merit



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32.	Design Supervisor <b>Electrical</b>	16	(a) B.Tech / DAE (Electrical / Electronics) from recognized institute. (b) Experience (05-10 years) of harness & cabling manufacturing / assembly, routing & wiring on aircraft systems OR Ex JCO having relevant experience in relevant trade. Preference would be given to Ex Serviceman having experience in harness manufacturing from Govt / Semi Govt Organization or Firm of repute.	48 years	01	Merit
33.	Design Supervisor <b>Avionics Integration</b>	16	(a) B.Tech / DAE (Avionics / Electrical / Electronics) from recognized institute. (b) Experience (05-10 years) of aircraft subsystems and avionics COTS integration OR Ex JCO having relevant experience in relevant trade. Preference would be given to Ex Serviceman( mechatronics / electronics / avionics) having experience in aircraft subsystems and avionics COTS integration from Govt / Semi Govt Organization or Firm of repute.	48 years	01	Merit
34.	Design Supervisor <b>Networking</b>	16	(a) B.Tech / DAE in Information Technology / Computer Sciences and relevant field from recognized Institute. (b) Preference would be given to candidates having 05 years post qualification experience in data confidentiality, managing computer system and control data collection operations field from Govt / Semi Govt Organization or Firm of repute. OR Ex JCO (IT) having relevant experience	48 years	02	Merit
35.	Design Supervisor <b>Technology</b>	16	(a) B.Tech / DAE (Mechanical / CAD Design) or equivalent from recognized institute. (b) Experience (05-10 years) from technology department / draftsman / designer OR Ex JCO / Ex Serviceman (draftsman / designer) having relevant experience in technology from Govt / Semi Govt Organization or Firm of repute.	48 years	01	Merit

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36.	Design Supervisor <b>Manufacturing &amp; Assembly</b>	16	a) B.Tech / DAE (General Fitter Metal Worker / Machinist / Materials) or equivalent from recognized institute. b) Experience (05-10 years) in manufacturing of metallic & composite parts, treatment and conditioning of parts OR Preference would be given to Ex Serviceman (General Fitter Metal Worker / Machinist / Airframe Fitter) having relevant experience in aircraft parts manufacturing, production and assembly from Govt / Semi Govt Organization or Firm of repute.	48 years	02	Merit

**Terms and Conditions:**

- Only shortlisted candidates against advertised post will be called for Test / Interviews.
- Incomplete applications or received after due date will not be entertained / considered.
- The competent authority has the discretion not to fill all or any of above mentioned posts or reject any application without assigning any reason and nobody will have right to challenge the same.
- No TA/DA will be admissible for test / interview.