

**Aerodrome Information****Karnal****General Information**

Sr. No.	Description	Details	
1.	<b>Name of Aerodrome/Airfield</b>	Civil Aerodrome, Karnal	
2.	<b>Aerodrome Operator Name</b>	Haryana Institute Of Civil Aviation	
3.	<b>Operator Address</b>	Haryana Institute Of Civil Aviation, Chandigarh	
4.	<b>Nodal Officer Name &amp; Contact Details (Phone &amp; Email)</b>	Sh. Swapan Baruah Ph. No. 88140-40261 Email Id:- oickarnal@hotmail.com	
5.	<b>Designation</b>	Aircraft Engineer	
6.	<b>Aerodrome Reference Point (ARP) Coordinates (WGS-84)</b>	<b>Latitude</b>	<b>Longitude</b>
		29°42'54.07 608" N	077°02'08.11513" E
7.	<b>Aerodrome Elevation (AMSL)</b>	245.271	
8.	<b>Aerodrome Reference Temperature</b>	No Data Available	

**Runway Physical Characteristics**

RWY Designation	RWY Surface Type (Asphalt/Concrete/Other)	Dimension RWY length x width (m)	Strength (PCR) if available	Geographical coordinates (WGS 84) for threshold and RWY End	Threshold elevation (m)	Slope (Long & Trans) (%)	RESA Dimensions if available (length x width) (m)
13-31	Asphalt	918.29 x 45.96 m	PCR Not available,  PCN-11/F/C/W/T	Runway 31-29°42'54.07608" N  077°02'08.11513" E	Runway 13-245.8m  Runway 31 -245.4m	Data not available	Data not available

**Declared Distances**

RWY Designation	Take-off run available (TORA)	Take-off distance available (TODA)	Accelerate distance available (ASDA)	Landing Distance available (LDA)	Remarks
13-31	918.29m	918.29m	918.29m	918.29m	No Stop way, Clear way available

## Runway Strip

Sr. No.	Description	Details
1.	<b>Runway Strip Dimensions</b>	918.29 x 45.96 m
2.	<b>Grading status of RWY Strip</b>	Code-2
3.	<b>Details of Objects within RWY Strip (if any)</b>	No Object available within runway strip

## Taxiways (if Available)

Sr. No.	Description	Details
1.	<b>Taxiway Identification/Designation</b>	Taxiway with edge marking
2.	<b>Dimensions (length x width)</b>	160 x 9.15 m
3.	<b>Surface Type</b>	Asphalt
4.	<b>PCR</b>	Not Available PCN-11/F/C/W/T

## Apron Details (if available)

Sr. No.	Description	Details
1.	<b>Total Apron Area/dimension</b>	97.27 x 57.7m
2.	<b>No. of Parking Stands</b>	09 for small Trainer aircraft
3.	<b>PCR/PCN</b>	Not Available Apron (New) PCN-7/R/C/W/T Apron (Old) PCN-4/R/C/W/T
4.	<b>Aircraft Compatibility (Type/Code)</b>	Light Aircraft (Code-2)

## Visual Aids & Markings

Sr. No.	Description	Details
1.	<b>Runway markings - Type &amp;Color</b>	Optional pattern & white
2.	<b>Taxiway Markings - Type &amp;Color</b>	YellowColor marking
3.	<b>Apron Markings - Type &amp;Color</b>	General aviation Apron (concrete) & Yellow
4.	<b>Signal Area Dimensions &amp; Markings</b>	13.25 x 13.25m, Red Square with diagonal, horizontal white dumb-bell with a black bar place perpendicular to the shaft across east circular portion, Lighted landing "T"
5.	<b>Wind Direction indicator(s)</b>	
	<i>Specification</i>	Wind Sock
	<i>Number</i>	01
	<i>Location</i>	Near Signaling Area

<b>Arrangement of Weather Reporting</b>	Not Available
<b>Details of Rescue and Fire Fighting Arrangement and contact no.</b>	Fire Extinguishers & Fire Trolley available for FTO flying as per DGCA. During Non-Scheduled Flights/VIP Flights, additionally, the Domestic Fire Tender is provided by District Fire Station, Karnal Contact No. 0184-2270799
<b>Details of Medical facilities and Nearby hospitals</b>	Only First Aid kit facility is available Nearby Hospitals- Amritdhara Hospital (0184-4098539).
<b>Details of protection of site (fencing/boundary and security arrangement)</b>	Boundary Wall, 04 police personnel

### Details of Obstacles

RWY/Area affected	Obstacle type	Coordinate	Elevation	Marking/lighting	Remarks
-	-	-	-	Not lighted	As per Pre-Feasibility Study Report December 2022, Tall trees and electric poles penetrating approach of Runway-31

- **Passenger Facilities:** No facility available
- **Any other relevant information:** 01 Hangar available at aerodrome, Karnal. Single Runway Lights Available.

**Aerodrome Information**  
**Pinjore**

**General Information**

Sr. No.	Description	Details	
1.	Name of Aerodrome/Airfield	Civil Aerodrome, Pinjore	
2.	Aerodrome Operator Name	Haryana Institute Of Civil Aviation	
3.	Operator Address	Haryana Institute Of Civil Aviation, Chandigarh	
4.	Nodal Officer Name & Contact Details (Phone & Email)	Sh. Prashant Bhagat Ph. No. 07027261487 Email Id:- amepprashantbhagat@gmail.com	
5.	Designation	Aircraft Engineer Cum OIC HICAPinjore	
6.	Aerodrome Reference Point (ARP) Coordinates (WGS-84)	<b>Latitude</b>	<b>Longitude</b>
		30°49'16" N	076°53'30" E
7.	Aerodrome Elevation (AMSL)	536.40M	
8.	Aerodrome Reference Temperature	No Data Available	

**Runway Physical Characteristics**

RWY Designation	RWY Surface Type (Asphalt/Concrete/Other)	Dimension RWY length x width (m)	Strength (PCR) if available	Geographical coordinates (WGS 84) for threshold and RWY End	Threshold elevation (m)	Slope (Long & Trans) (%)	RESA Dimensions if available (length x width) (m)
16-34	Asphalt	918.29 x 45.96 m	PCR Not available, PCN-11/F/C/W/T	Runway 16-30°49'14" N 076°53'30E	Runway 34 Runway 16	Data Not Available	Data Not Available

**Declared Distances**

RWY Designation	Take-off run available (TORA)	Take-off distance available (TODA)	Accelerate distance available (ASDA)	Landing Distance available (LDA)	Remarks
16-34	914.40m	914.40m	914.40m	914.40m	No Stop way, Clear way available

**Runway Strip**

Sr. No.	Description	Details
1.	Runway Strip Dimensions	914.40 x 36.57 m
2.	Grading status of RWY Strip	2B
3.	Details of Objects within RWY Strip (if any)	No Object available within runway strip

## Taxiways

Sl. No.	Description	Details
1.	<b>Taxiway Identification/Designation</b>	A, Exit/Entrance Taxi track
2.	<b>Dimensions</b> (length x width)	163 x 12.19 m
3.	<b>Surface Type</b>	Asphalt
4.	<b>PCR /PCN</b>	PCR Not available, PCN-11/F/C/W/T
5.	<b>Runway Lights</b>	Available

## Apron Details (if available)

Sl. No.	Description	Details
1.	<b>Total Apron Area/dimension</b>	129.84 x 42.67m
2.	<b>No. of Parking Stands</b>	09 for small Trainer aircraft
3.	<b>PCR/PCN</b>	PCR Not available, PCN-3/R/C/W/T (Apron-1) PCN-4/R/C/W/T (Apron-2) PCN-12/R/C/W/T (Apron-3)
4.	<b>Aircraft Compatibility</b> (Type/Code)	Light Aircraft (Code-2B)

## Visual Aids & Markings

Sl. No.	Description	Details
1.	<b>Runway markings</b> - Type & Colour	Optional pattern & white
2.	<b>Taxiway Markings</b> - Type & Colour	Yellow Colour Marking
3.	<b>Apron Markings</b> - Type & Colour	General aviation Apron (concrete) & Yellow
4.	<b>Signal Area Dimensions &amp; Markings</b>	15.42 x 15.42m, Red Square with diagonal, horizontal white dumb-bell with a Yellow arrow Marking and Lighted landing "T"
5.	<b>Wind Direction indicator(s)</b>	
	<i>Specification</i>	Wind Sock
	<i>Number</i>	01
	<i>Location</i>	Near Signaling Area

<b>Arrangement of Weather Reporting</b>	Not Available
<b>Details of Rescue and Fire Fighting Arrangement and contact no.</b>	Fire Extinguishers & Fire Trolley available for FTO flying as per DGCA. During Non-Scheduled Flights/VIP Flights, additionally, the Domestic Fire Tender is provided by District Fire Station, KALKA, Contact No. 01733-220161 Fire Station, PARWANOO Contact No. 0179-2233223
<b>Details of Medical facilities and Nearby hospitals</b>	Only First Aid kit facility is available Nearby Hospitals-CMO Hospital Pinjore (01733-230844). Shory Hospital Pinjore-9416029450
<b>Details of protection of site</b> (fencing/boundary and security arrangement)	Boundary Wall, 04 police personnel

**Details of Obstacles**

RWY/Area affected	Obstacle type	Coordinate	Elevation	Marking/lighting	Remarks
-	-	-	-	Lighted – Aerial Marker Balls available.	As per Pre-Feasibility Inspection Report, A number of multiple High Tension electric lines are crossing the approach area of Runway 34 at an approximate distance of 200 mtrs. from runway threshold and also passing along the south-west side of Runway.

- **Passenger Facilities:** Passenger Terminal building, ATC building & Fire Station constructed for future commercial operations.
- **Any other relevant information:** 02 Hangars available.

**Aerodrome Information**  
**Narnaul**

**General Information**

Sr. No.	Description	Details
1.	<b>Name of Aerodrome/Airfield:</b>	Bachhod Airstrip Narnaul
2.	<b>Aerodrome Operator Name</b>	Civil Aviation Department, Govt. of Haryana
3.	<b>Operator Address</b>	3 <sup>rd</sup> Floor, 30 Bays Building, Sector 17-B, Chandigarh - 160017
4.	<b>Nodal Officer Name &amp; Designation</b>	Krishan Singh Malik, Officer In-Charge
5.	<b>Contact Details (Phone &amp; Email)</b>	M.No. 9991514173 Email Id: <a href="mailto:oicnarnaul@gmail.com">oicnarnaul@gmail.com</a> <a href="mailto:amonarnaul@gmail.com">amonarnaul@gmail.com</a>
6.	<b>Aerodrome reference Point (ARP) Coordinates</b>	28° 04' 36.21" N 76° 12' 06.59" E
7.	<b>Aerodrome Elevation (AMSL)</b>	318.516Mtrs
8.	<b>Aerodrome reference Temperature</b>	Not Available

**Runway Physical Characteristics**

RWY Designation	RWY Surface Type (Asphalt/Concrete/other)	Dimension RWY length x width (m)	Strength (PCR) if available	Geographical coordinates (WGS 84) for threshold and RWY End	Threshold elevation (m)	Slope (Long/Trans)	RESA Dimensions if available (length x width) (m)
27	Bituminous/Flexible	1061 x 22 (m)	Available	28° 04' 37.77" N 76° 12' 37.41" E	313.33 (m)	Data not available	Not available
09	Bituminous/Flexible	1061 x 22 (m)	Available	28° 04' 37.40" N 76° 11' 58.96" E	317.30 (m)	Data not available	Not available

### Declared Distances

RWY Designation	Take — off run available (TORA)	Take — off distance available (TODA)	Accelerate distance available (ASDA)	Landing Distance available (LDA)	Remarks
27	1061 Mtrs	1061 Mtrs	1061 Mtrs	1061 Mtrs	RESA & over runway area not available.
09	1061 Mtrs	1061 Mtrs	1061 Mtrs	1061 Mtrs	RESA & over runway area not available.

### Runway Strip

1.	Runway Strip Dimensions	Not Specified
2.	Grading status of RWY Strip	Not Specified
3.	Details of Objects within RWY Strip, if any	No Object within distance of 50 mtrseither side of runway of runway centre line.

### Taxiways(if Available)

1.	Taxiway Identification/Designation	Taxi Link 'A' Taxi Link 'B'
2.	Dimensions length x width	Taxi Link 'A': <u>30 mtrs x 14.63 mtrs</u> ( Helipad Apron) Taxi Link 'B': <u>57mtrs x 19.20mtrs</u>
3.	Surface Type	Taxi Link 'A': Bituminous Taxi Link 'B': Concrete
4.	PCR	Not Available for both the Taxi Links

### Apron Details (if available)

1.	Total Apron Area/dimension	Main Apron & Helipad Apron
2.	No. of Parking Stands	Main Apron : 05 Smaller Training Aircrafts (C- 152/C-172 & C- 182 type of aircrafts) or 03 parking stands for C-90/B-200 types of aircrafts
3.	PCR/PCN	Not available
4.	Aircraft Compatibility (Type/Code)	C-90, B-200, C-152, C-172 & C-182& all types of Helicopters

## Visual Aids & Markings

1.	<b>Runway markings &amp; Colour</b>	All runway markings are available in <b>white</b> colour <b>except Designation Markings</b>
2.	<b>Taxiway Markings &amp; Colour</b>	Edge, Centre line & Holding point Markings in <b>Yellow Colour</b>
3.	<b>Apron Markings —Type&amp; Colour</b>	<b>Main Apron</b> : Edge markings & <b>Safety lane</b> markings in <b>yellow colour</b> . <b>Helipad marking: Edge marking in yellow colour &amp; Helipad marking in White Colour.</b>
4.	<b>Signal Area — Dimensions &amp; Markings</b>	<b>Dimension</b> : 16 ft x 12 ft (required dimension is 30 x 30 ft) <b>Marking</b> yet to be done
5.	<b>Wind Direction indicator(s) Specification Number Location</b>	Wind Socks 02 One near main Apron & one near 12 dumbbell

<b>Arrangement of Weather Reporting</b>	Local arrangement has done by FSTC Ltd.
<b>Details of Rescue and Fire Fighting Arrangement and contact no.</b>	<ul style="list-style-type: none"> <li>○ FSTC Ltd. is maintaining the Safety Vehicle with few fire extinguishers i.e. DCP (50 kg – 1 cylinder), Co2 Cylinder( 45kgs – 1 cylinder) &amp; 01 ABC cylinder of 9 Kgs.</li> <li>○ However, as per DGCA requirement FSTC ltd. has placed the various fire extinguishers in hangar &amp; other vital locations i.e Fuel Store and electric panel.</li> <li>○ The other agencies operating from Narnaul Airstrip (Pioneer/Sky high, Kasstechthe Ltd., Red Bird &amp; Flaps Aviation) have their own fire extinguishers to meet their fire and safety requirement.</li> <li>○ The hydrant connection (02), first aid hose reel (04), Sprinkle system, fire alarm system and smoke detectors have been installed in the hangar by Civil Aviation Department, Govt. of Haryana.</li> <li>○ Additionally, the local fire station is providing Foam Tender in case of requirement VIP movements etc. Contact No. Local Fire Station : 101/112</li> </ul>
<b>Details of Medical facilities and Nearby hospitals</b>	<p>Dispensary is being maintained by FSTC Ltd. at the Narnaul Airstrip Civil Hospital Narnaul CHC Bachhod village <b>CMC for both Narnaul &amp; Bachhod</b> Dr. Ravikant M.No. 9050084662 <b>Fleet manager for Ambulance</b> Sh. Umesh Kumar (9355656654) <b>Ambulance:</b> 102/112</p>
<b>Details of protection of site (fencing/boundary and security arrangements/</b>	Standard height of boundary i.e 8ft + 1.5 ft of concertina wire has been provided along entire length of boundary wall 04 Haryana Police personnel looking after the Airstrip Security on 24 x 7 basis at the only main gate available at Narnaul Airstrip .

**Details of Obstacles:**

<b>Rwy/Area Affected</b>	<b>Obstacle Type</b>	<b>Co-ordinates</b>	<b>Elevation</b>	<b>Marking/Lighting</b>	<b>Remarks</b>
27	-----	-----	-----	-----	OLS Survey is yet to be carried out by AAI
09	-----	-----	-----	-----	OLS Survey is yet to be carried out by AAI

**Passenger Facilities:** The Narnaul Airstrip presently does not have any passenger facilities, as it is intended mainly training and aviation operational purposes rather than commercial passenger transport.

**Any other relevant information:**

1. The runway widening and re-carpeting work is planned.
2. 01 Hangars available.

**Aerodrome Information**  
**Bhiwani**

**General Information**

Sr. No.	Description	Details
1.	Name of Aerodrome/Airfield:	Ch.Bansi Lal Aerodrome, Bhiwani.
2.	Aerodrome Operator Name	Civil Aviation Department, Govt. of Haryana
3.	Operator Address	3 <sup>rd</sup> Floor, 30 Bays Building, Sector 17-B, Chandigarh - 160017
4.	Nodal Officer Name & Designation	Deepak Kumar ,Officer In-charge.
5.	Contact Details (Phone & Email)	Mob.No.9466911116 Email Id: oicnbhiwani@gmail.com
6.	Aerodrome reference Point (ARP) Coordinates.	28° 50' 11" N 76° 10' 45" E
7.	Aerodrome Elevation (AMSL)	220Mtrs
8.	Aerodrome reference Temperature	Not Available

**Runway Physical Characteristics**

RWY Designation	RWY Surface Type (Asphalt/Concrete/other)	Dimension RWY length x width (m)	Strength (PCR) if available	Geographical coordinates for threshold and RWY End	Threshold elevation (m)	Slope (Long Trans)	RESA Dimension if available (length x width) (m)
12	Bituminous/Flexible	1260 x 23 (m)	PCN 22/F/C/W/T	28° 50' 25" N 76° 10' 21" E	220(m)	Data not available	30x90(m)
30	Bituminous/Flexible	1260x23 (m)	PCN 22/F/C/W/T	28° 50' 05" N 76° 11' 01" E	220(m)	Data not available	30x90(m)

**Declared Distances**

RWY Designation	Take — off run available TORA	Take — off distance available TODA	Accelerate distance available ASDA	Landing Distance available LDA	Remarks
12	1260(m)	1260(m)	1320(m)	1260(m)	-
30	1260(m)	1260(m)	1320(m)	1260(m)	-

## Runway Strip

1.	<b>Runway Strip Dimensions</b>	Available But Not Specified Measured
2.	<b>Grading status of RWY Strip</b>	Available But Not Specified Measured
3.	<b>Details of Objects within RWY Strip, if any</b>	No Object within distance of 50 (m) either side of runway of runway centre line.

## Taxiways (if Available)

1.	<b>Taxiway Identification/Designation</b>	Taxy Track Taxi Link 'A' Taxi Link 'B' Taxi Link 'C'
2.	<b>Dimensions length x width</b>	Taxi Track 810 mtrs x 17.5 mtrs Taxi Link 'A': 80 mtrs x 17.5 mtrs Taxi Link 'B': 80 mtrs x 17.5 mtrs Taxi Link 'C': 80 mtrs x 17.5 mtrs
3.	<b>Surface Type</b>	Taxi Link 'A,B,C': Bituminous
4.	<b>PCR</b>	Not Available for Taxy Track & Taxi Links

## Apron Details (if available)

1.	<b>Total Apron Area/dimension</b>	Old Apron: (i) 30.48x30.48(m) (ii) 16.76x30.48(m) New Apron: 60x20(m)
2.	<b>No. of Parking Stands</b>	Approx 10 Trainer Aircraft can be accommodated at old Apron & 10 to 12 similar kind of Aircrafts can be accommodated at New Apron.
3.	<b>PCR/PCN</b>	Old Apron: 9/R/C/W/T. New Apron: Yet to be evaluated
4.	<b>Aircraft Compatibility (Type/Code)</b>	C-90, B-200, B-250, Dornier 228, C-152, C-172 & C-182, DA-42 & all types of Helicopters

## Visual Aids & Markings

1.	<b>Runway markings &amp; Colour</b>	All runway markings are available in white colour.
2.	<b>Taxiway Markings &amp; Colour</b>	Edge, Centre line & Holding point Markings in Yellow Colour
3.	<b>Apron Markings — Type &amp; Colour</b>	Main Apron : Edge markings & Safety lane markings in yellow colour. Helipad marking: Edge marking in yellow colour & Helipad marking in White Colour.
4.	<b>Signal Area — Dimensions &amp; Markings</b>	Dimension : 18 ft x 18ft
5.	<b>Wind Direction indicator(s) Specification Number Location</b>	Wind Socks 03 One near main Apron & second near 12 dumbbell & third near 30 dumbbell

<b>Arrangement of Weather Reporting</b>	Local arrangement has done by FSTC Ltd.
<b>Details of Rescue and Fire Fighting Arrangement and contact no.</b>	FSTC Ltd. is maintaining the Safety Vehicle as per DGCA requirement. Contact No. Local Fire Station :101 Ambulance :102
<b>Details of Medical facilities and Nearby hospitals</b>	Civil Hospital Bhiwani Ashirwad Hospital Bhiwani 9254120550
<b>Details of protection of site (fencing/boundary and security arrangements/</b>	Standard height of boundary i.e 8ft + 1.5 ft of concertina wire has been provided along entire length of boundary wall 04 Haryana Police personnel looking after the Aerodrome, Security .

### Details of Obstacles

Rwy/ Area Affected	Obstacle Type	Co- ordinates	Elevation	Marking/Lighting	Remarks
12	-----	-----	-----	-----	OLS Survey is yet to be carried out.
30	-----	-----	-----	-----	OLS Survey is yet to be carried out.

**Passenger Facilities:** The Bhiwani Aerodrome, presently does not have any passenger facilities, as it is intended mainly training and NSOP operational purposes.

### Any other relevant information:

1. ATC building and fire station constructed.
2. 02 Hangars available for aircraft parking and MRO activities.