



**Government of Himachal Pradesh
Department of Revenue,
Disaster Management Cell**

No. Rev (DMC) (F) (3)-2-3/2019

Dated the

16, March, 2022

Notification

Whereas, the unique geo-climate conditions of Himachal Pradesh make it vulnerable to various kinds of Hazards. During such a catastrophe, evacuating the critically ill person from the inaccessible areas through roads makes it a herculean task. To cope up with the situation in the inaccessible areas of the State, Air ambulance is the option to response in the golden hours.

Whereas, air ambulance operations present several unique operating characteristics that make them distinct from other types of Helicopter operations. Such operations are often time-sensitive and crucial to getting a critically ill or injured patient to a medical facility as efficiently as possible.

Keeping in view of the above, Governor is pleased to notify a **Guideline for the usage of State Hired Helicopter in case of a medical emergency**. These proposed guidelines address air ambulance operations in the State of Himachal Pradesh.

By order

(Onkar Sharma)

Principal Secretary (Revenue)

Government of Himachal Pradesh

Endst No. as Above

Dated Shimla-2, the

March, 2022

Copy forwarded to the following for information:

1. The Chief Secretary, Himachal Pradesh
2. Pr. PS to Hon'ble Chief Minister, Himachal Pradesh
3. All the Addl./ Principal Secretary/ Secretary to the GoHP, Shimla-2
4. The Secretary to Governor, Himachal Pradesh
5. All the Divisional Commissioner in HP.
6. All head of the Department in HP
7. All the Deputy Commissioner in HP
8. Private Secretary to all Ministers, HP

(Sudesh Kumar Mokhta)

Special Secretary (Revenue-DM)

Government of Himachal Pradesh

Guidelines for Air Evacuation through State Hired Helicopter

1. Introduction:

Himachal Pradesh advances on its way to being technologically advanced and sufficient, the healthcare sector has to step up and cater to the health needs of people quicker and more efficiently. One of these needs is to provide immediate transportation services in medical emergencies to far flung areas that cannot be fulfilled by ground ambulances due to inaccessible/distant location. Heli-ambulance is needed to bridge the gap. Such services will help Himachal Pradesh in quality healthcare for citizens and disaster Management.

2. Objective:

1. To provide the medical assistance to lost or injured persons.
2. To retrieve persons in distress, provide initial medical or other needs and evacuate them to a safer place.
3. Search & aerial survey of Stranded person in threatening disaster situation
4. To Strengthen the response in golden hours

3. Priority Areas:

In any disaster, State hired Heli-services would be the first to respond for the following tasks:

1. Handling of Medical Urgency
2. Search and Rescue of victims
3. Transportation of relief material, resources and specialized teams,
4. Evacuation of casualties.

4. Requisitioning Procedure:

A written request (enclosed as **Annexure-A**) for assistance is mandatory from the authorities (mentioned at 4.1). However, in urgent evacuation, all demands are accepted and processed on the telephone/mobile and followed up by ex-facto approval of the competent authority.

The Chief Secretary, Himachal Pradesh and Principal Secretary (Revenue) to the GoHP shall also be kept informed about the operation by the requisition requesting authority.

4.1. Officer Authorized to make request for requisition of State Hire Helicopter:

For any emergency listed in Priority Area requiring casualty/Medical evacuations. The following officers are authorized to raise demand for Helicopter from General Administrative Department (GAD):

- Pr. Secretary (Revenue) to the GoHP

- Director-cum-Spl. Secretary (Revenue-DM)
- Deputy Commissioner within their respective Jurisdiction in HP .
- Resident Commissioner, Pangi.
- Addl. District Magistrate, Kaza.
- Sub-division Magistrate, Dodra-Kwar.

5. Role of General Administrative Department and DM-Cell (Revenue)

In the event of a disaster or medical emergency within the geographical area of Himachal Pradesh, control of all air aspects will be managed by GAD. General Administrative Department (GAD) is the principal agency to control and coordinate all operations undertaken by the State Hired Helicopter and will ensure availability of State Hired Helicopter for emergency medical or other eventualities. The Secretary (GAD) to the GoHP has to coordinate specific issues with State Govt. On the receipt of demand from the Authorised Officers stated in Sr. No.-4.1 w.r.t the exigency requiring Heli-services. The Pr. Secretary, General Administrative Department (GAD) will examine the requirements, whose decision will be final and binding to all concerned.

The following GAD contacts are considered for air requisition and shall be share with all authorized requisition authorities.

Sr. No.	Designation	Name	Contact Details
1.	Pr. Secretary	Sh. Bharat Khara	Office: 0177-2621859, 2880776, Mobile No. 98162-00015 Email: gadsecy-hp@nic.in
2.	Nodal Officer Spl./Add./Joint Secretary	Sh. Surjeet Singh Rathore	Office: 0177-2620159 Mobile No. 94181-26508 Email: adsecy-gad-hp@gov.in

5.1. Prioritizing Demand for Airlifting:

The GAD could set priority for airlift person in need in the following manner:-

First Priority: Medical Urgency.

Second Priority: Aerial Survey for Stranded person & their evacuation.

Third Priority: Transportation relief/medical material & Specialist

Fourth Priority: Teams Transport of deceased person (Special case only)

*The demand raised for above reasons shall be given priority over any proposed scheduled VVIP movement.

5.2. Acceptance or rejection of air evacuation:

The Nodal officer will inform the acceptance and rejection of air evacuation to the State Emergency Operation Centre (SEOC), Nodal Officer on its toll-free no-1070, and SEOC intimate the same to the Director-Disaster Management in a time-bound manner. If GAD rejects the demand due to unavoidable circumstances, the Director-cum-Special Secretary (Revenue Disaster Management) authorized to hire or allow Deputy Commissioner to hire the services of the Indian Air Forces- Helicopter or any other Services provider including Private Helicopters. SDMA is authorized to have MoUs or Contract arrangements with private players with following necessary codal formalities.

5.2.1. Relevant Details: HPSDMA will identify all specialized Air Services providers within and outside the State. The authority at its discretion would negotiate with the successful/lowest tenderer regarding payment of *“fixed term, as and when required, sortie basis charges”* of the helicopter.

5.2.2. Safety perception of Operation: Medical Emergency Search and Rescue (SAR) operations have no schedule and flights are usually to a place with no infrastructure. Controlled Flight into Terrain (CFIT) and loss of control due to degraded visual conditions are the main risks. A solution would be to better target training towards specific risk to Medical Emergency and SAR operations.

5.2.3. Coordination with Heli Teams: Since disaster response operations are multifaceted, time-sensitive, extremely fast-moving, and mostly unpredictable, it requires rapid assessment, close coordination among several departments, quick decision-making, fast deployment of human resources and machinery as well as close monitoring. In order to prevent delays and to eliminate ambiguities with regard to chain of command, the selected vendor is responsible for preparing comprehensive readiness plans for the conduct of Medical Emergency & SAR operations in their respective areas of responsibility. This plan should be based on agreements between the SAR Coordinators and the providers of facilities or other support for SAR operations. Plans are intended to be valuable aids for time critical search planning and coordination processes that.

- Cover all potential SAR emergency scenarios likely to occur within the Himachal Pradesh,
- Are based on identified Medical Emergency/Search and Rescue risks and analysis of related trends;
- Are reviewed and updated regularly;
- Are readily available in convenient form for quick and easy use.

5.3. Identification & Contract with other Services:

HPSDMA will identify the private services provider within & outside the State and have the same contract along with Private players in the field. Once the GAD turned down the air services request due to unavoidable circumstances in that case the officers stated under Sr. No 4.1 are authorized to initiate the services of Private Helicopter.

5.4. Helicopter Replacement:

The department will ensure the functionality of State Hired Helicopter and put best effort to meet out requisition requirements. If the Helicopter is unavailable or inactive for any length of time, GAD will try to arrange a substitute Helicopter to meet out the requirement. However, in case of non-availability of such substitute the Revenue (DMC) may resort to the process stated at Para 5.3.

5.5. Delay in execution of casualty air evacuation:

In case the helicopter does not arrive in time, and the casualty is still waiting for air evacuation, intimation to this effect will be forwarded to SEOC to expedite the helicopter demand. However, if due to persistent bad weather, at times, the helicopter cannot arrive in time, and the casualty may have to be evacuated by other means. In such a situation the concerned official at the field shall be informed accordingly.

5.6. Refuelling requirements:

The GAD will communicate refuelling requirements to the nearest Airport or State civil aviation department, as applicable.

5.7. Geo-coordinates of Helipad:

HPSDMA & General Administrative Department (GAD) shall maintain Helipad coordinates and provided the same during the emergency to the concerned.

6. Role & Responsibility of District

Deputy Commissioner shall be designated as the Responsible Officer for effective coordination.

- SDM of the concerned sub-division shall be designated as the Incident Commander and DSP shall be designated as the Safety Officer for movement of the person in need by flights.
- The district administration shall also designate Liaison Officers at the Airport/Helipad (from Family welfare & Health department with sufficient support staff) and a supporting officer (Medical officer or Patwari or Panchayat Pradhan or Panchayat secretary of the concerned Area) at the pick point and would be responsible for coordinating and prioritising of load and passengers.

- The designated Officers (SDM/Police), in coordination with the Liaison Officers (Health), shall ensure the arrival of a person in need & will arrange the ambulance to the hospital. They will also brief pilots on the ground situation and may be taken on board to assist in identification of critical areas in need of immediate assistance.
- Security of aircraft is to be ensured through liaison with local Police or Paramilitary forces by the District Magistrate/Indenting agency,
- The helicopter pilots would be using Global Positioning System (GPS) coordinates to reach the affected area at the earliest.
- These coordinates can be obtained through applications like Google Maps, Google Earth on smart phones or from the hand held GPS equipment. Coordinates in six digit format (Degrees, Minutes, Seconds) of the rescue area if provided prior to helicopter take off will significantly reduce the search time.
- Foreign objects like plastic water bottles, polythene bags, caps, clothes, used metal (Tin) sheets, etc. could fly off under the strong downwash of the helicopter and can damage the helicopter, therefore helipad and surrounding area needs to be cleared of all such objects.
- Where possible, especially at the rescue hubs, Fire tender and Ambulance facilities should be positioned at the helipads for sustained and multiple Helicopter operations.
- Airlift operations are challenging for the helicopter crew. It is extremely important that the entire set of crew remains absolutely fit and available for flying duties during sustained operations.
- Towards this suitable arrangements for hygienic food, packaged water, accommodation and transportation needs to be made for operating crew and ground-technicians.
- In case of transportation of relief material, exact details of the nature and weight of material is to be mentioned.
- Loading & Unloading facility to be ensured by the District Administration with the labourers.
- The District authorities should clearly spell out requirements, once the details are known so that suitable resources are allocated.

7. Role & Responsibility Sub-division and Field.

- The Medical practitioner/Panchayat Pradhan/Patwari will estimate casualties' requirements & intimate it to the concerned Sub-division office and SDM

concerned or office in charge will vet the necessity of the casualty air evacuation.

- He confirms if the casualty is fit to travel by air and if it will travel lying/sitting and raises the demand before the concerned Deputy Commissioner through usual channels well in advance.
- They will coordinate the requirement with the GAD or Disaster Management.
- Provide all ground support requirement of Helicopters at the location;
- Ensure that the Helipad is properly marked so that it is visible from the air for smooth landing of Aircrafts.
- Ensure proper facilities for rest, refreshment, water and sanitation for the Air crew;
- Maintain continuous monitoring of the assigned Helipads and remain vigilant for unusual happening or hazards that may affect the Air Operations and take precautionary measures.
- Notify DEOC (1077) immediately of any delays in Helicopter schedules;
- Establish ground communication facilities with DEOC/SEOC
- Ensure that all personnel deployed at the Helipads are aware of the safety requirements.

8. Role & Responsibility of the State Hired Helicopter

- Loading of affected in the Helicopter
- General care of the patients carried in the aircraft from the time of their being received.
- When large numbers of patients need to be transported the senior-most will set the priority and transport the patient accordingly.
- Unloading of patients or affected.
- All Technical requirements are provided by the GAD in consultation with GAD.

9. Financial Implication:

- The GAD, Revenue, Health, Tourism & Forest departments could create a contingency fund to meet out related expenses.
- Medical urgency, if not raised due to State notified Hazards in that case the reimbursement will be paid by the Health & Family Welfare Department.
- Disaster-related medical urgencies/casualty evacuation related reimbursement will be paid Disaster Management-Cell Department of Revenue.
- The Trekking related evacuation will be charged from the Tourism and Forest Department.
- The nature of emergencies shall be decided by the GAD and clearance of related expenses will be met out from the contingency fund created by the department concerned.

Annexure-A

Himachal Pradesh Government
Dealing branch Details
File No.

From: District Administration
To: The Secretary GAD to the GoHP
Subject: **Request for Aerial Support for..... (Detail).**
Sir

I am directed to refer to the subject cited above and to say that the SDM (Office) has intimated that (Details of Incident)..... at (time) on dated:..... (Justification for requisition of Air Services)..... Current Updates..... To handle the District Administration requires immediate air support for the (Medical, Aerial Survey, and Transportation) task. The relevant details are submitted with request to launch operation immediately.

Details	District Administration Contact Numbers
Area details	Responsible Officer - Deputy Commissioner Mobile No.
	Liaoning officer: - SDM Mobile No.
	DEOC - -DEOC In-charge Mobile No. I Sat Phone-
	Spatial Information - Village- (Degree/Minutes/ Second) Nearest Helipads- Nearest Air Port-

You are, therefore, requested to provide air support to carry operation through helicopters at the earliest.
Encl: Annexure (as per requisition formats).

Yours faithfully,

Deputy Commissioner, District
Himachal Pradesh
(Official Seal/Stamp)

Copy forwarded to:

1. The Director-cum-Spl. Secy. (Revenue-DM), for information.
2. The SP, for information and necessary action.
3. The Chief Medical Officer, for information and necessary action.
4. The Pr. PS to Hon'ble Chief Minister for information.
5. The PPS to the Chief Secretary for information.
6. The PPS to the Pr. Secretary (Revenue)for information
7. The Incharge-SEOC/DEOC for kind action please.

Deputy Commissioner, District
Himachal Pradesh

Format for Requisition

Date:
Time:

Data Field	Details
Name of the District	
Name of the sub-division and details of Location	
Department of State Govt/UT	
Date/Time of Airlift/Air Support	
Type of Airlift Required	
From Place (Lat/Long)	
To Place (Lat/Long)	
Name, Age, Sex of the Patient	
Type of Medical Emergency	
Opinion of Medical Authority if Any	
Justification for the Operation	
In Flight medical requirements	
Is the patient suffering from any contagious disease	
Medical escort being provided by the state govt. with details	
Any accompanying attendant of the patient	
Any other relevant details	

Deputy Commissioner, District
Himachal Pradesh
(Official Seal/Stamp)

List of Helipad in the State

Sr. No.	Name of Helipad/Station	Latitude	Longitude	Altitude
Bilaspur				
1.	ACC Sports Ground Barmana	31°24'52.70" N	76°49'30.40" E	552 Mtrs
2.	Kuthera (GSSS Ground)	31°31'8.90" N	76°43'41.14" E	335 Mtrs
3.	Shah Talai	31°27'8.61" N	76°31'3.29" E	609 Mtrs
4.	Ghumarwin (Tikkri-Near Court)	31°26'09.29" N	76°43'08.40" E	652 Mtrs
5.	Hatwar (GSSS Hatwar)	31°34'26.97" N	76°41'55.60" E	800 Mtrs
6.	Gehrwin (GSSS Ground)	31°21'06.36" N	76°41'40.08" E	820 Mtrs
7.	Buhad (Govt. Middle School Ground)	31°18'45.40" N	76°37'43.20" E	1049 Mtrs
8.	Swarghat (Dadwal Helipad)	31°13'43.62" N	76°41'39.79" E	944 Mtrs
9.	Luhnu Bilaspur	31°20'42.36" N	76°45'24.28" E	1684 Feet
10.	GSSS Jukhala	31°17'59.4" N	76°49'09.2" E	780 Mtrs
11.	Namhol Helipad	31°15'30.8" N	76°51'28.48" E	1208 Mtrs
12.	Malangan	31°23'5.48" N	76°36'52.67" E	519 Mtrs
13.	Sunhani	31°24'16.69" N	76°39'57.83" E	558 Mtrs
14.	Bilaspur (Luhnu Ground)	31°20'43.21" N	76°45'24.28" E	1684 Feet
15.	Jhandutta (GSSS Ground)	31°22'14.6" N	76°38'34.7" E	743 Mtrs
16.	Jahu (Green Valley Public School Ground)	31°35'29.5" N	76°43'00.9" E	-
Chamba				
1.	Bhanjaroo, Tissa	32.8296	76.1427	1691
2.	Satrundi, Tissa	32.9919	76.2097	3552
3.	Dharwas, Pangi	33.1183	76.3632	2517
4.	Chamba, Sultanpur	32.5635	76.1176	866
5.	Bharmour	32.4414	76.5382	2206
6.	Holi, Bharmour	32.3366	76.5442	1752
7.	Killar, Pangi	33.0851	76.3990	2738
8.	Tissa Cricket Ground	32.8346	76.1508	1659
9.	Police Ground Bargah, Chamba	32.5506	76.1303	883
10.	Govt. ITI Chamba	32.5614	76.1273	880
11.	Chamera NHPC-II Colony	32.5295	76.1386	888
12.	Triveni Playground, Bakloh	32.4659	75.9262	1374
13.	Sach, Pangi	32.9977	76.4470	2657
14.	Chamera NHPC-I, Khairi	32.6051	75.9065	563
15.	Sural Tai, Pangi	33.1490	76.4502	3383
16.	Banikhet	32.5454	75.9474	1614
17.	Ajog, Pangi	32.9219	76.4577	2275
Hamirpur				
1.	Amtar Ground at Nadaun	31.47.03	76.21.31	
2.	Sujanpur Tihra Ground	31.49.50	76.30.04	
3.	Jahu	31.35.24	76.43.29	
4.	Govt. Poly. Technical College Baru	31.40.45	76.32.21	
5.	Kanjyan	31.40.50	76.38.30	
6.	Jungalbari Ground (Near Bridge & PHC)	31.52.26	76.34.02	
7.	NIT Ground Hamirpur	31.42.21	76.31.29	
8.	Barsar	31.31.6	76.27.5	
9.	Hamirpur	31.40.8	76.32.3	
Sr. No.	Name of Helipad/Station	Latitude	Longitude	Altitude
10.	Bair (GSSS)	31.34.10	76.28.45	
11.	Govt. College Ground Hamirpur	31.42.10	76.31.17	

12.	Samirpur	31.43.18	76.39.05	
13.	Govt. Boys School Hamirpur	31.41.11	76.31.18	
14.	Radha Swami Hospital Ground Bhota	31.36.32	76.34.08	
15.	Raili Jajri	31.26	76.35	
Kangra				
1.	Bajjnath	32.03	76.38	930
2.	Dharamsala (Police Ground)	32.10.35	76.18.28	4000 ft.
3.	Gagal	32.09.9	76.15.8	2600
4.	Jaisingpur	31.53.9	36.35.8	1800
5.	Nurpur	32.11.0	75.53.6	
6.	Palampur (Army Ground)	32.07.0	76.33.5	4500
7.	Palampur (CSK HPA Univ.)	32.06.1	76.32.9	4000
8.	Rehan	32.09.7	75.54.5	1700
9.	Sapri	31.53.5	76.17.9	1600
10.	Yol	32.09.5	76.22.2	3700
11.	Dhaliara	31. 50.85	76. 11. 371	
12.	Dehra (Shahid Bhuvnesh DograGround)	31. 52. 53.6 N	76. 12. 46.4 E	
13.	Gandhi Ground Kangra	32.05.30	76.15.49	
14.	Nagrota Bagwan Gandhi Maidan	32.16.15	76.20.15	
15.	Holta Palampur	32.07	76.34	
16.	Naura	31.59.44	76.29.12	
17.	Badukhar	32.02.45	75.49.48	
18.	Raja Ka Talab	32.12.49	76.55.00	
19.	Jwali	32.08.36	76.00.38	
20.	Sujanpur Tirah	31.50.00	76.30.35	
21.	Shahpur	32.12.50	76.10.58	
22.	Sansarpur Terrace Govt. S.S. School	31.56.35	75.55.45	
23.	Indira Gandhi Stadium ustehar	32.02.24-6	76.32.25-9	
24.	Helipad Sakari	32.00.21-8	76.38.06	
25.	Helipad Bara Bhangal	32.19.48	76.48.55	
26.	Sanatan Dharan College baroh	31.59	76.18	
27.	College Ground Haripur (Dehra)	32.00.17	76.09.39	
28.	Ground Of The Institution Indora	32.08.38	75.41.48	
29.	Rakkar (Dharamsala)	32.11.16	76.23.73	
Kinnaur				
1.	Shalkar (PWD Ground)	31.59.24	78.34.22	3056
2.	Chango (PWD Ground)	31.58.08	78.35.38	3263
3.	KARCHAM Army Ground	31.35	78.05	1670
4.	POOH	31.45.1/2	78.34.1/2E	3065
5.	Nako (PWD Ground)	31.53.10.2"N	78.37.40	3609
6.	RECKONGPEO (BHQ,ITBP Ground)	31.32.17	78.16.25	2320
7.	Boning Saring at SANGLA (PWDGround)	31o.24	78o.17.5	2520
8.	SUMDO Army Ground	32.03	78.36.1/2	3075
9.	KUPPA (Pvt.)	31.25.50	78.14.32	2533.50
10.	Sholtu (Pvt.)	31.30.53	78.06.27	1696
11.	Jangi (ITBP Ground)	31o36.05"N	78.25.50	2683mtr(8800)
Kullu				
1.	Manali	32.15' N	77.10' E	
Sr. No.	Name of Helipad/Station	Latitude	Longitude	Altitude
2.	Palchan	32.305722' N	77.171915' E	

3.	Kullu (Dhalpur Ground)	31.95555' N	77.11048' E	
4.	Naggar (Govt. Sr. Sec. SchoolNaggar)	32.109141' N	77.161973' E	
Lahaul & Spiti				
1.	Baring	32.38.8	76.50.6	10000
2.	Jispa	32.38.34	77.11.22	10500 Ft.
3.	Kaza	32.13.0	78.04.5	12000
4.	Rukling	31.36.15	78.26.17	7800 Ft.
5.	Sagnam	32.02.05	78.03.30	12000 Ft.
6.	Sissu	32.28.5	77.07.05	9700 Ft.
7.	Stingri	32.33.7	77.04.4	10200
8.	Tabo	32.05.5	78.23.0	12774 Ft.
9.	Tandi (DIET)	32.32.2	76.58.5	9704 Ft.
10.	Tindi	32.45.0	76.28.0	8000
11.	Tingrit	32.51.0	76.47.1	10500
12.	Udaipur	32.42.4	76.40.0	10050 Ft.
13.	Chhokhang	32.41.03	76.47.37	3900 Ft.
14.	Gondhla	32.30.35	77.01.44	10367 Ft.
15.	Rawa	32.36.04	76.56.0	3000 Ft.
Mandi				
1.	Mandi (Paddal)	31.42.4	76.56.2	
2.	Pandoh (BBMB)	31.40.23	77.03.2	2700
3.	Prashar Lake	31.45.30	77.6	2650
4.	Sarkaghat (Degree College)	31.40.54	76.43.46	1120
5.	Sundernagar (Poly tech. College)	31.30.7	76.53.2	
6.	Kangu	31.26.30	76.51.30	
7.	Thachi (Bhatludhar)	31.40.50	77.12.40	2260
8.	Dharampur (Govt. College)	31.48.20	76.45.45	525
9.	Shikari Devi	31.29N	77.10E	
10.	Jogindernagar (Dohag)	31.59.50	76.45.46.9	
11.	GSSS Karsog	31. 23 00	77 12 10	1360
12.	Kunoo (Karsog)	31.308	77.132	
13.	Chhatri	31.5237	76.4722	
14.	Shattadhar	31.2114	77.841	
15.	Dheem Kataroo	31.3033	77.1244	
16.	DPF (Bagda) Gaddagusani	31.3344	77.187	
17.	Dadoh	31.340	76.567	
18.	Kadoun	31.3347	77.187	
19.	Raingaloo	31.3323	77.846	
20.	Narla	31.5141	76.5510	
21.	Kangnidhar	31.4210	76.5621	
22.	Basa	31.35	72.2	
23.	Batail	31.35	76.44	
Shimla				
1.	Annadale	31.06.7	77.09.5	1869
2.	Chopal	30.56.9	77.35.2	2296
3.	Dodrakawar	31.11.9	78.05.2	2266
4.	Deha (Shimla)	31O 28 m	77O 27 m	2100
5.	Jhakri	31.30.20	77.42.71	1337
6.	Jubbal	31.07	77.39.5	1946
Sr. No.	Name of Helipad/Station	Latitude	Longitude	Altitude

7.	Kalyani (Retreat)	31.07.8	77.17.6	2556
8.	Kanda	31.34.0	77.09.5	1980
9.	Kumarsain	31.19.3	77.26.7	1635
10.	Kupvi	30o50'4.58"	77o34'34.20"	2022
11.	Nerva	30o54'43.48"	77o38'45.86"	1166
12.	Rampur	31.28.0	77.37.7	1250
13.	Rohru	31.12.6	77.44.7	1548
14.	Sarahan	31.30.4	77.47.5	2211
15.	Theog	31.08.0	77.02.3	2328
16.	Tharu nankhari	31.2	77.33	2107
17.	Sunni	31.14.8	77.07.6	671
18.	Shilaroo Sports	31o11'56.58"	77o25'16.91"	2503
19.	Sundli	31o6'12.46"	77o40'2.79"	2092
20.	Mahasu Ban-kuffer	31o7'11.92"	77o15'2.89"	2226
21.	Saraswati	31o7'30.34"	77o45'3.43"	1414
22.	Ghasigaon	31o7'4.69"	77o33'4.34"	1692

Sirmour

1.	Giri River Bank, Dadahu	30.36(N)	77.26(E)	641 M
2.	Jaitak (Nahan)	30.35(N)	77.19(E)	1343 M
3.	Haripurdhar (Thain Bag)	30.46(N)	77.32(E)	2500 M
4.	Kaffota	30.37.3	77.42.0	1695 M
5.	Kala Amb	30.31(N)	77.12(E)	362 M
6.	Army Helipad Nahan	30.33(N)	77.16(E)	887 M
7.	G.S.S.S(Boys) ground Paonta	30.27.18(N)	77.36.29(E)	406 M
8.	Gurudwara Ground, Paonta Sahib	30.26.9(N)	77.37.22(E)	402 M
9.	Jogadhar (Sangrah)	30.41.5(N)	77.26.4(E)	1830 M
10.	Kawagdhar (Saraha)	30.45.78(N)	77.9.20(E)	1705 M
11.	Shillai (NAYA)	30. 40.29	77.42.23	1800 M
12.	Bechar-Ka-Bagh	30.38(N)	77.22(E)	1600 M
13.	Baru Sahib	30.45.30	77.18	1067 M
14.	Shalana Rajgarh	30.50.30(N)	77.18(E)	1827 M
15.	G.S.S.S. Bagthan, Tehsil Pachhad.	30.41.34 (N)	77.16.51 (E)	640 M
16.	G.S.S.S., Galaanaghat, Tehsil Pachhad	30.43.26 (N)	77.08.38 (E)	1552 M
17.	Govt. College Sangrah.	30.41.39 (N)	77.26.05 (E)	1520 M
18.	Govt. Middle School, DHAL PALIYARA, Renuka Ji.	30.39.54 (N)	77.25.20 (E)	672 M
19.	Nahan (Juda)	30.32 (N)	77.32 (E)	609 M
20.	Ranbaxy (Paonta Sahib)	30.25.44 (N)	77.35.19 (E)	392.58 M
21.	Rampur Ghat (Paonta Sahib)	30.26.29 (N)	77.38.52 (E)	392 M
22.	Maina Bag (Renuka ji)	30.38 (N)	77.26 (E)	1376.52M

Solan

1.	Barotiwala (School Ground)	30.56	76.49	
2.	Dagshai	30.88.44	77.05.21	
3.	Nalagarh (Boys School)	31.02.41	76.43.08	
4.	Nauni (UHF Solan)	30.31.33	77.10.11	
5.	Sanawar	31.87.06	77.01.32	
6.	Solan (Army Ground)	30.55.24	77.05.47	
7.	Chail	30.57.58	77.12.48	
8.	Shalaghat (Kotli)	31.11.42	76.58.79	
9.	G.S.S.S kunihar	31.04.50	76.57.25	
Sr. No.	Name of Helipad/Station	Latitude	Longitude	Altitude

- 10.	Badidhar	31.12.30	76.52.31	
11.	Bania devi	31.10.30	76.53.25	
12.	Balera	31.08.22	76.52.53	
13.	Ramshahar	31.08	76.79	
14.	Majhol	30.59.54	77.03.55	
15.	G.S.S.S Mamlia	31.03.18	77.01.36	
16.	G.S.S.S Dharampur Ground	30.54.15	76.56.0	
17.	Subathu	30.58	76.59	
18.	Basal	30.56.12	77.05.11	
Una				
1.	Una, Ramleela Ground	31.27.8	76.16.0	382
2.	Dulehar	31.20.31	76.12.46	510
3.	Kangar	31.26.37	76.12.34	421
4.	Sangnai	31.41.7	76.02.4	483
5.	Thanakalan	31.34.5	76.20.5	579
6.	Khad play ground	31.31.36	76.9.1	411
7.	Police lines Jhalehra	31.29.18	76.14.41	395
8.	Govt. ss school Saloh	31.50.18	75.59.37	587
9.	Govt. Elementary School ground Chururu	31.35.821	76.09.318	417
10.	Amb gondpur benera	31. 44. 54	76. 02. 02	528
11.	Mandali	31.31.34	76.21.34	557
12.	Pekhubela , navodya vidaylya ground	31.24.40	76.17.19	354
13.	Indra ground, Una	31.27.55	76.16.50	378
14.	Behar jaswan ground	31.37.22	76.10.19	429
Other Helipads				
1.	Ghorakhal Sainik School Nainital	29.27.50	79.37.15	6200FT
2.	Kanwan Punjab	31.52.12N	75.26.04E	
3.	Kelakhan Nainital	29.22.6	79.28.22	6700FT
4.	Ludhiana	30.53.57	75.48.44	
5.	Nangal	31.23.14	76.22.11	
6.	Secretariat Punjab	30.46.0	76.47.8	1250
7.	Annandpur Sahib	31.13.9	76.35.6	1200
8.	Pb Agriculture Ground Ludhiana	30.53.57	75.48.44	
9.	DARAH Near Pathankot	31.59.0	76.28.8	
10.	JAITAK Chandigarh	30.36	77.19	(39x22Mtrs.)
11.	Bhiwani Haryana	28-46-45 N	76-20-30 E	
12.	Sangror Punjab	30-11.967	75-41.174	768feet
13.	Chandi Mandir	30.44.05	76.52.54	
14.	Arya Sr. Sec. School Panipat Haryana	29.24.04 N	76.57.58.6 E	
15.	Kadian Gurdaspur	31.49.04	75.23.31	
16.	Ropar (Birla Farm)	30.58.124	76.28.538	823(Elevation)
17.	Nehru Stadium Rupnagar	30.58.966	76.31.424	
18.	University Sport Ground Kurukshetra	29o 57' 17.3"	76o 49' 01"	
19.	BBMB Cricket Ground, Nangal, Punjab	31°23'52.47"N	76°22'36.77"E	
20.	NFL Ground, Naya Nangal, Punjab	31°23'15.08" N	76°21'8.23" E	