



नागर विमानन मंत्रालय  
MINISTRY OF  
CIVIL AVIATION



## An introduction to Water Aerodromes

Water aerodromes can be built at much less cost and time, as compared to land based airports. They do not require physical construction of the runway, apron and the allied infrastructure of a land-based airport.





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## An introduction to **Water Aerodromes**

A network of Water Aerodromes along with land-based airports will improve air connectivity and will be particularly useful for localized short-distance travelling.





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## An introduction to Water Aerodromes

To usher in a new era of Air Travel in India, routes to and fro from Water Aerodromes were introduced under UDAN 3.0 onwards.





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## An introduction to **Water Aerodromes**

A total of 10 Water Aerodromes are being developed at an estimated total cost of Rs. 330 crore.





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# An introduction to Water Aerodromes

Water Aerodromes being developed under  
UDAN 3.0 and 3.1

1. Sardar Sarovar Dam (Statue of Unity) - 3.0
2. Sabarmati Riverfront, Ahmedabad - 3.0
3. Shatrunjay Dam - 3.0

State

**Gujarat**





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4. Swaraj Dweep (Havelock Island) - 3.1
5. Shaheed Dweep (Neill Island) - 3.1
6. Long Island - 3.1

**State**

**Andaman & Nicobar Islands**





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7. Guwahati Riverfront - 3.0
8. Umrangso, Dima Hasao - 3.0

State

## Assam





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# An introduction to Water Aerodromes

Water Aerodromes being developed under  
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9. Nagarjuna Sagar Dam - 3.0

State

Telangana





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# An introduction to Water Aerodromes

Water Aerodromes being developed under  
UDAN 3.0 and 3.1

10. Prakasham Barrage - 3.1

State

## Andhra Pradesh





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# SABARMATI RIVERFRONT to STATUE OF UNITY

*First ever Seaplane Operations under*  
**UDAN!**



Daily flights starting from **31st October 2020**  
on Rashtriya Ekta Diwas



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# SABARMATI RIVERFRONT to STATUE OF UNITY

*First ever Seaplane Operations under  
**UDAN!***



These Water Aerodromes are designed to cater to Category **2B type floatplanes** under Visual Flight Rules (VFR) conditions. Spicejet will operate a **19 seater** Viking Twin Otter Seaplane.



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# SABARMATI RIVERFRONT to STATUE OF UNITY

*First ever Seaplane Operations under*  
**UDAN!**



The introduction of this Seaplane Service will not only give India a new way to travel but also give huge impetus to tourism, allied sectors and local employment.



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# SABARMATI RIVERFRONT to STATUE OF UNITY

*First ever Seaplane Operations under*  
**UDAN!**



With the launch of seaplanes under UDAN, the common man can avail this mode of travel which was hitherto seen as a luxury to be utilized by the privileged.



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# SABARMATI RIVERFRONT to STATUE OF UNITY

*First ever Seaplane Operations under  
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The **200 km** journey which earlier took around **4 hrs** will be reduced to **45 mins** and provide passengers an opportunity to gaze at the scenic beauty enroute and an aerial view of the Statue of Unity.



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# SABARMATI RIVERFRONT to STATUE OF UNITY

*First ever Seaplane Operations under*  
**UDAN!**



Seaplanes being "First of its kind in India", air connectivity will fulfil the aspirations of the people region and the entire Gujarat state. It will provide impetus to the local economy.



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Government of India



# SABARMATI RIVERFRONT to STATUE OF UNITY

*First ever Seaplane Operations under*  
**UDAN!**



8 sorties per day planned between Kevadia and Sabarmati  
with up to 14 passengers travelling per flight.



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# SABARMATI RIVERFRONT to STATUE OF UNITY

*First ever Seaplane Operations under*  
**UDAN!**



Opening an opportunity for utilizing unused water bodies  
across the country connecting remote and tourist  
destinations.



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# SABARMATI RIVERFRONT to STATUE OF UNITY

*First ever Seaplane Operations under*  
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Water-aerodromes at Kevadia and Sabarmati Riverfront developed at an approximate cost of INR 36 crore each.



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# Seaplanes

VS

# Aeroplanes

The major difference between an aeroplane and the seaplane is between their methods and capacities of takeoff and landing.





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# Seaplanes



VS

# Aeroplanes



The major technical difference between the aeroplane and seaplane is during their takeoff and landing operations; the former gets the assistance of a computerized control system, while the latter has a manual system for all the operations.



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# Seaplanes

VS

# Aeroplanes

The seaplane flies at a very low height, compared to other commercial flights.





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# Seaplanes



VS

# Aeroplanes

Its takeoff and landing operations demand more skill from the pilot as its operations have to be carried out from a liquid (water) surface.



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# Seaplanes

VS

# Aeroplanes

An aeroplane's take-off and landing are from the land, while the seaplane can make take-off and land on any large water body - sea, river or lake.



An introduction to

# Water Aerodromes

To usher in a new era of Air Travel in India, routes to and fro from Water Aerodromes were introduced under UDAN 3.0 onwards.



## An introduction to

# Water Aerodromes

A total of 10 Water Aerodromes are being developed at an estimated total cost of ₹330 crore.

State	Water Aerodromes being developed under UDAN 3.0 and 3.1
<i>Gujarat</i>	<ol style="list-style-type: none"> <li>1. Sardar Sarovar Dam (Statue of Unity) – 3.0</li> <li>2. Sabarmati Riverfront, Ahmedabad – 3.0</li> <li>3. Shatrunjay Dam – 3.0</li> </ol>
<i>Andaman &amp; Nicobar Islands</i>	<ol style="list-style-type: none"> <li>4. Swaraj Dweep (Havelock Island) – 3.1</li> <li>5. Shaheed Dweep (Neill Island) – 3.1</li> <li>6. Long Island – 3.1</li> </ol>
<i>Assam</i>	<ol style="list-style-type: none"> <li>7. Guwahati Riverfront – 3.0</li> <li>8. Umrangso, Dima Hasao – 3.0</li> </ol>
<i>Telangana</i>	<ol style="list-style-type: none"> <li>9. Nagarjuna Sagar Dam – 3.0</li> </ol>
<i>Andhra Pradesh</i>	<ol style="list-style-type: none"> <li>10. Prakasham Barrage – 3.1</li> </ol>



An introduction to

# Water Aerodromes

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An introduction to

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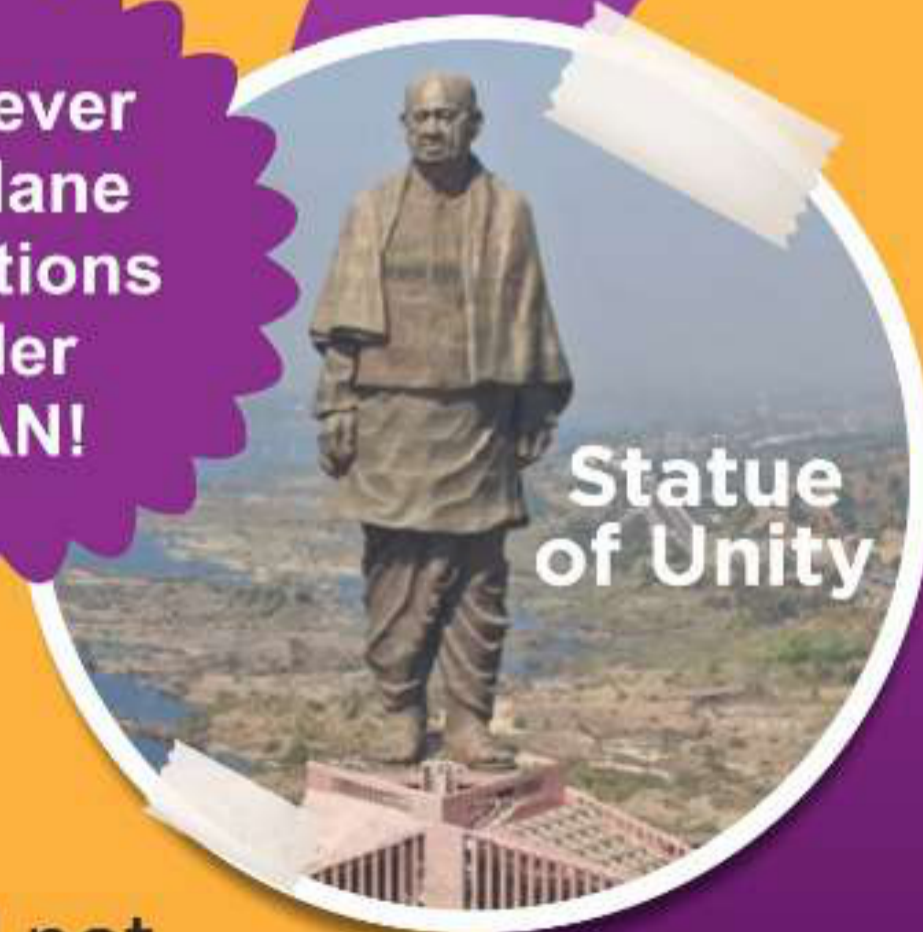


UDAN

# SABARMATI RIVERFRONT TO STATUE OF UNITY



First ever  
Seaplane  
Operations  
Under  
UDAN!



The introduction of this Seaplane Service will not only give India a new way to travel but also give huge impetus to tourism, allied sectors and local employment.



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सत्यमेव जयते

An Introduction to

# WATER AERODROMES

Water aerodromes can be built at much less cost and time, as compared to land based airports. They do not require physical construction of the runway, apron and the allied infrastructure of a land-based airport.





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+



**Seaplanes**

**VS**

**Aeroplanes**

**The major difference between an aeroplane and the seaplane is between their methods and capacities of takeoff and landing**



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VS



Takeoff and landing operations for a seaplane demand more skill from the pilot as its operations have to be carried out from a liquid (water) surface.



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VS



The seaplane flies at a very low height, compared to other commercial flights.



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VS



The major difference between an aeroplane and the seaplane is between their methods and capacities of takeoff and landing.



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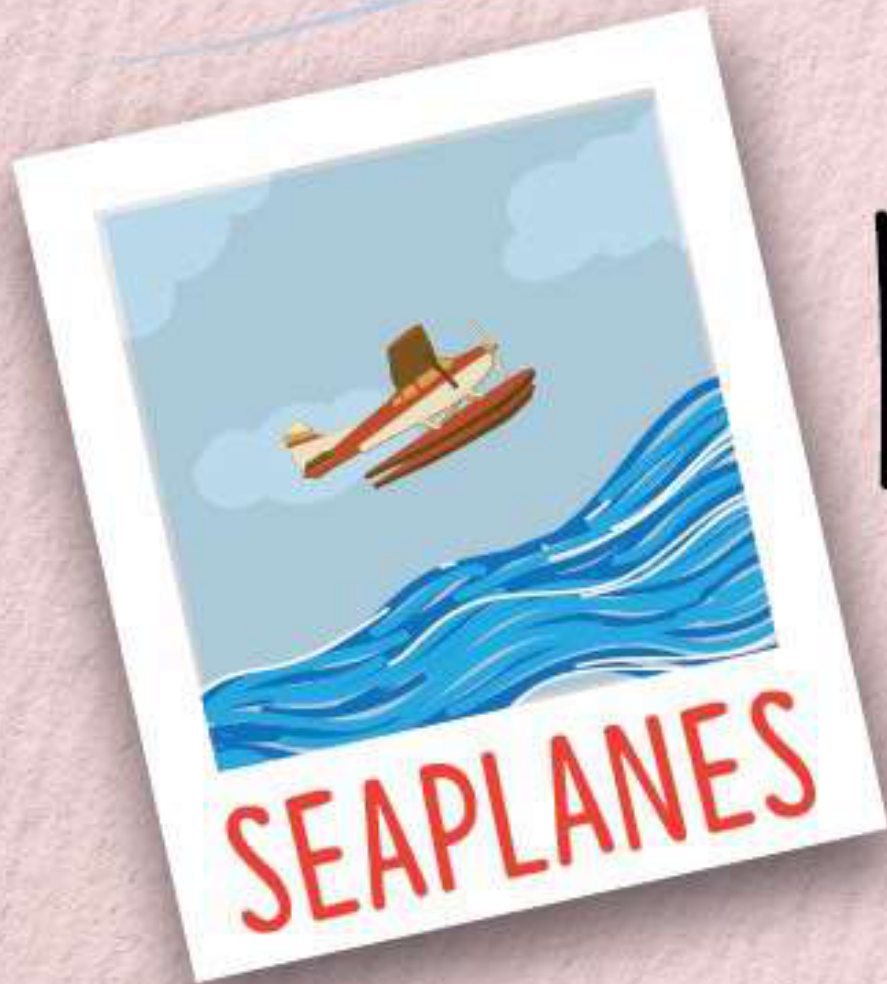
VS



An aeroplane's take-off and landing are from the land, while the seaplane can make take-off and land on any large water body - sea, river or lake.



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VS



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