

Helicopter Transportation and Aircraft Parts require specialised care of freight Forwarders. At SALOG, we offer you best transit times, excellent cargo care, state-of-the art equipment, and a partnership that you can trust. With our know-how in Defence Logistics, we give you a tailored and flexible service that meets your requirements.



SALOG - Aerospace & Aviation Logistics

Excellence in Every Direction



SALOG Engine Competence team thoroughly dedicates to transport the Helicopter as below structure

- Helicopters need to be Bubble/Shrink-Wrapped (Below with Details)
- Helicopters will have to move on Low-Bed Air-ride Suspension Trailers (Below with Details)
- Loading on the LB trailers will be done using a 10-ton crane(Below with Details)
- Proper lashing locking ill be done by SALOG ground team (Below with Details)
- Visible and Physical inspection will be done by SALOG core team (Below with Details)
- Escort vehicle follow till unloading point @ Destination (Below with Details)



• Helicopters need to be Bubble/Shrink-Wrapped to avoid any damages

Helicopters will be bubble shrink wrapping to avoid any road debris/damages - weather protection - as the preferred method for shipping helicopters, it is an effective method of protecting the aircraft during transport and benefits of having a helicopter completely enclosed, protected from the elements and hidden from public view during transportation and also enabling efficient load securing/the products and a cover that can be rigid or flexible .



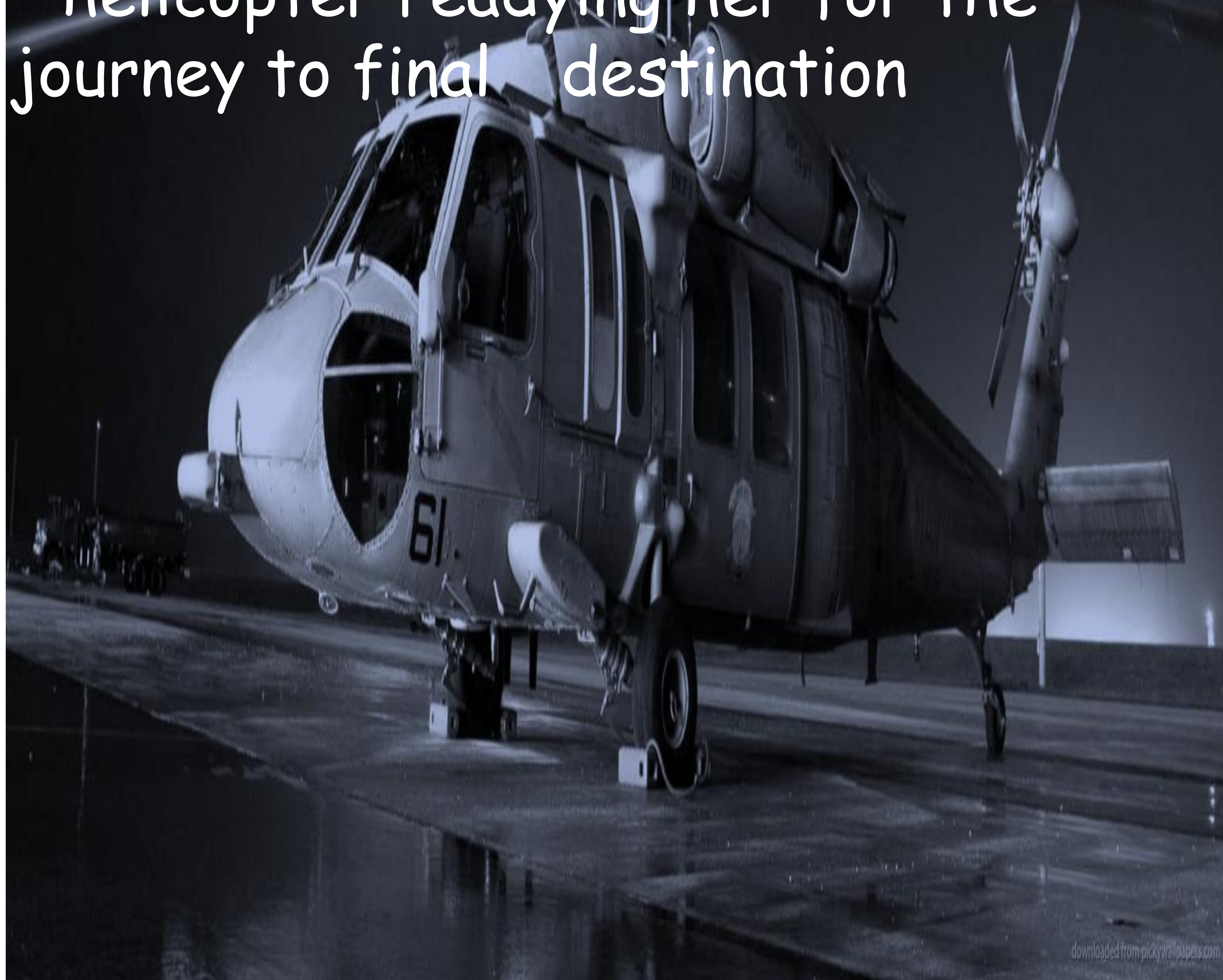
• Please do let us know if you have original wooden boxes or crates we shall use the same.

• We may have to request approvals from Ministry of Transport and Traffic to avoid flyovers due to wide load or when height exceeds 5.5M

• The attached quotation excludes insurance coverage for the transportation from Riyadh to Jeddah.

❖ Loading on the LB trailers will be done using a 10-ton crane

After helicopter rose from the ground a Drop- Deck Air Ride trailer was placed underneath, the helicopter will be lowered on to the trailer and secured in her slots. All slings and shackles were carefully removed and the rigging team went to action securely lashing down the helicopter readying her for the journey to final destination



Low Bed Trailer





❖ Helicopters will have to move on Low-Bed Air-ride Suspension Trailers to minimise any shocks

Due to the length of the Helicopters. It will have to move on Low-Bed Air-ride Suspension / Soft riding trailer - Below is the photo of our Lowboy or Low bed trailer with Air Suspension (Air ride) system. The capacity of the trailer is max. 47te. Normal trailer bed length is 8.5m and can extend to 13.5m long, the normal width is 2.70m and can extend to 3.20m wide, the high is from 300-450mm from ground. It can lift up or lower down by using the air system. The photo is shown the trailer with the Helicopter approximate weight 6.0te, 12.7mL x 2.7mW x 3.7mH. We loaded from customer yard - Mostly this trailer will be used for the cargo that need a very special care such as aviation part, turbine, electric control and etc.





❖ LASHING and LOCKING securely to the trailer

- Locking
- Blocking
- Direct lashing
- Top-over lashing



Lashing preventing movement towards the rear lashing straps needed to prevent the loads from tipping. of lashing straps needed to prevent a sliding movement.

A lashing is a restraint device such as webbing, chain or wire rope that either ties load together or keeps load in contact with the load platform or any blocking device.

Lashings should be positioned so that they are in contact only with the load to be secured and/or the securing points. They should not be bent over flexible items, side gates etc.



Two Modular spreader bars will be assembled with the required nylon slings attached, these were then attached to the waiting 10 Ton mobile crane.

The slings and shackles will be attached to the designated lift points on the helicopter, with the fuselage of the helicopter being protected by use of sling pads.

Chain blocks were used to make precise alterations to the lift to assure that the helicopter lifted level.

❖ SALOG Engine competence teams

Our team will present in the loading point to make the physical and visible inspection from point of wrapping the helicopter until securely loading to the trailer and team to explain the lift and rigging plan for the day and ensure all the equipment's were prep checked and secured well for the operation and team set up a safe exclusion barricade for the operational activities

SECURA Aviation Logistics			
<u>CHECK SHEET FOR WITNESS LOAD OF AN HELICOPTER ONTO AN TRAILER</u>			
Consignee	Name of Load-Witness		
Helicopter Serial No.	Helicopter Type		
Loading Date	Loading Time and Hours		
	Yes	No	
1. Was the Helicopter secured to the truck in accordance with our instructions for tying down engines on road vehicles?	<input type="checkbox"/>	<input type="checkbox"/>	
2. Were any holes, tears, scuff marks on the Helicopter cover prior to offloading from truck?	<input type="checkbox"/>	<input type="checkbox"/>	
3. Was the Helicopter coverbag lifted up for a visual inspection for any road transport damages?	<input type="checkbox"/>	<input type="checkbox"/>	
4. Was any damage noted prior to offloading from truck?	<input type="checkbox"/>	<input type="checkbox"/>	
5. Was the Helicopter loaded in accordance our instructions for witness load of an Helicopter onto an Trailer ?	<input type="checkbox"/>	<input type="checkbox"/>	
6. During the loading process did the Helicopter contact any part of the high-loader, aircraft or any adjacent cargo?	<input type="checkbox"/>	<input type="checkbox"/>	
7. Was the Helicopter loaded without incident?	<input type="checkbox"/>	<input type="checkbox"/>	
8. Were all 8 photographs taken as per page 2 of this checklist?	<input type="checkbox"/>	<input type="checkbox"/>	
9. In case of any incident or damage, was the Helicopter Logistics Competence Centre, Riyadh contacted immediately?	<input type="checkbox"/>	<input type="checkbox"/>	
Please mark the position of any damage on the following diagrams			
Comments			
Signature Load-Witness			
Signature Salog Escort / Ground Inspection Team			

❖ PILOT / ESCORT Will drive till unloading point

- Pilot Car / Escort Vehicle drivers purpose is to:
- Make road travel safer for the oversize load driver and all motorists on the road
- Prevent damage to the roads, highways and all roadway infrastructure
- Prevent damage to the loads being hauled
- Keep to a minimum delays in the normal flow of traffic
- Temporarily coordinate to remove or lift aerial obstructions like traffic signals, signs or wires for the safe
- Transport of over height cargo



All the process / movements will be executed by SALOG Engine Core team who is expertise in handling the helicopter and Aircraft engine movements



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