

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
HELI 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 (Details are in the next slides)
- Helicopters will have to move on Low-Bed Air-ride Suspension Trailers (Details are in the next slides)
- Loading on the LB trailers will be done using a 10-ton crane (Details are in the next slides)
- Proper lashing locking will be done by SALOG ground team (Details are in the next slides)
- Visible and Physical inspection will be done by SALOG core team (Details in the next slides)
- Escort vehicle follow till unloading point @ Destination (Details in the next slides)



❖ 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



❖ LOADING ON THE LB TRAILERS WILL BE DONE USING A 10-TON CRANE

After the helicopter takes off from the ground, a Drop-Deck Air Ride trailer was placed underneath; the helicopter was then carefully lowered onto the trailer and secured in the designated slots.

All slings and shackles were carefully removed, and the rigging team went into action, securely lashing down the helicopter and readying her for the journey to the final destination.

A final inspection was conducted to ensure all tie-downs were tightened, the aircraft was stabilized, and transport clearance was granted.



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 TEAM

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

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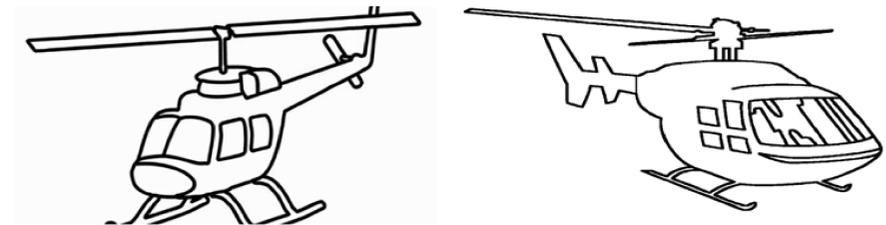
CHECK SHEET FOR WITNESS LOAD OF A HELICOPTER ONTO A TRAILER

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 instruction for tying down the engines on road vehicles? Yes No
2. Was any holes, tears, scuff marks on the helicopter cover prior to offloading from truck? Yes No
3. Was the helicopter covering lifted up for a visual inspection for any road transport damages? Yes No
4. Was any damage noted prior to offloading from the truck? Yes No
5. Was the helicopter loaded in accordance our instructions for Witness load of an helicopter onto a trailer? Yes No
6. During the loading process did the helicopter contact any part of the high-loader aircraft or any adjacent cargo? Yes No
7. Was the helicopter loaded without incident? Yes No
8. Was all 8 photographs taken as per page 2 of his checklist? Yes No
9. In case of any incident or damage, was the helicopter logistics compenelce centre, Riyadh contacted immediately? Yes No

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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