Chinook Wind Machine
Installation Manual



Chinook
WIND MACHINES

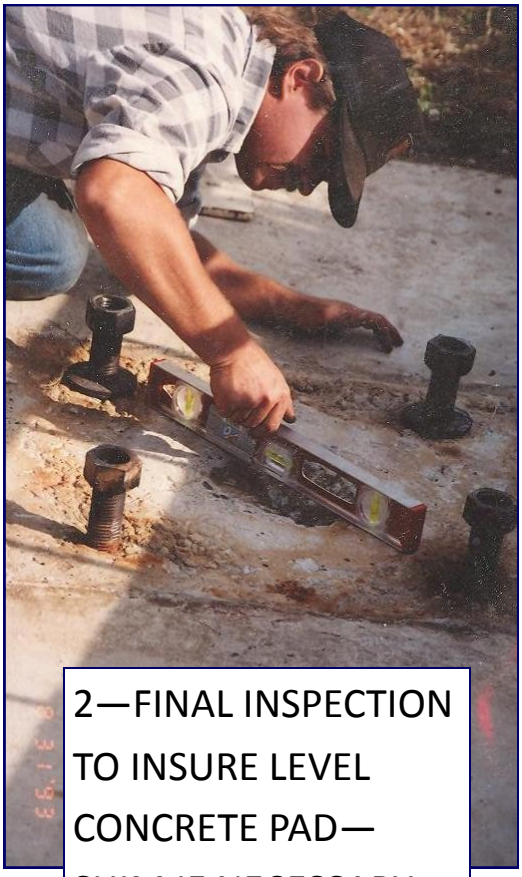
2921 Sutherland Drive
Yakima, Washington 98903

H.F. HAUFF COMPANY INC.

(509) 248-0318
(509)248-0914 Fax
hfhauff@gmail.com



1—ONE TO TWO COMPLETE MACHINES CAN BE MOUNTED ON THE BOOM

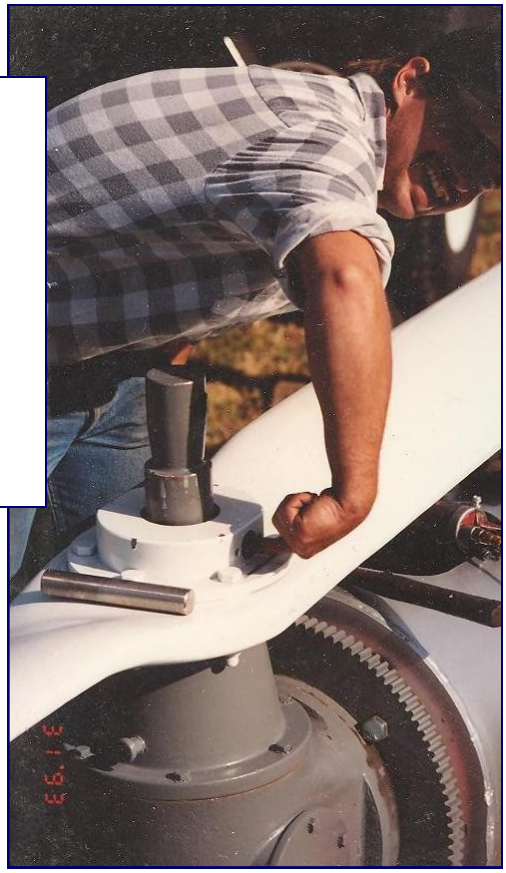


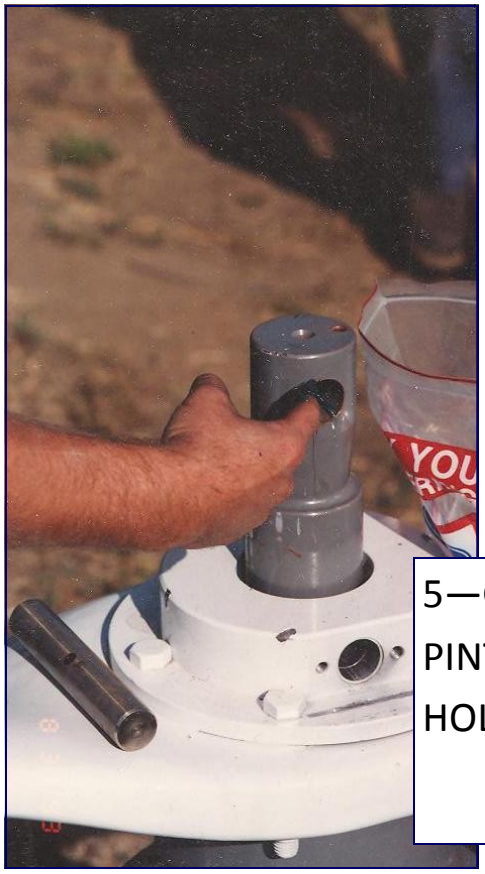
2—FINAL INSPECTION TO INSURE LEVEL CONCRETE PAD—SHIM IF NECESSARY.

3—COAT BOLTS AND OUTSIDE AREA OF TOWER BASE WITH TAR COATING—WATER SEALANT.



4—PLACE PROP ON GEAR HEAD FAN SHAFT, LUBRICATE TEETER HUB BUSHINGS WITH GREASE.

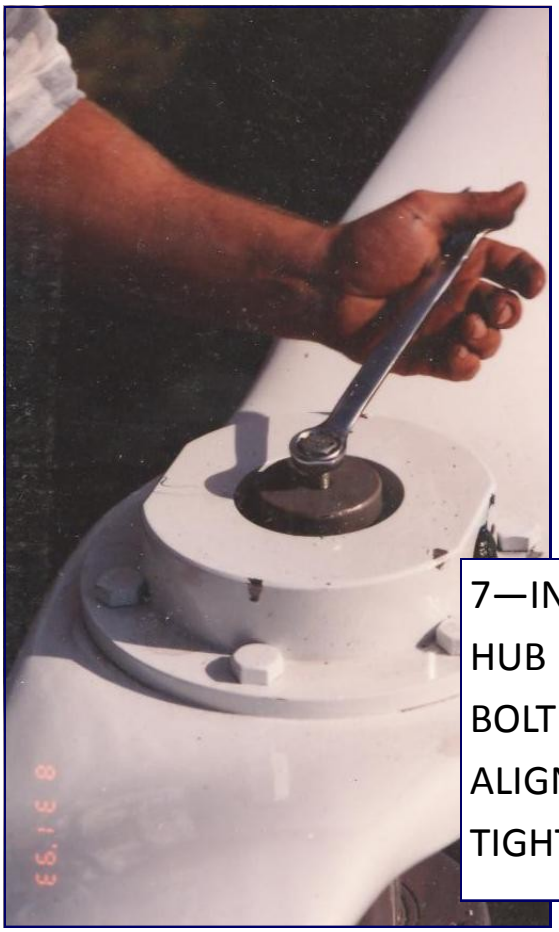




5—GREASE TOP HEAD PINTEL SHAFT PIN HOLE.



6—INSTALL TEETER HUB PINTEL PIN IN HOLE WITH LOCK SET HOLE PROPERLY ALIGNED.

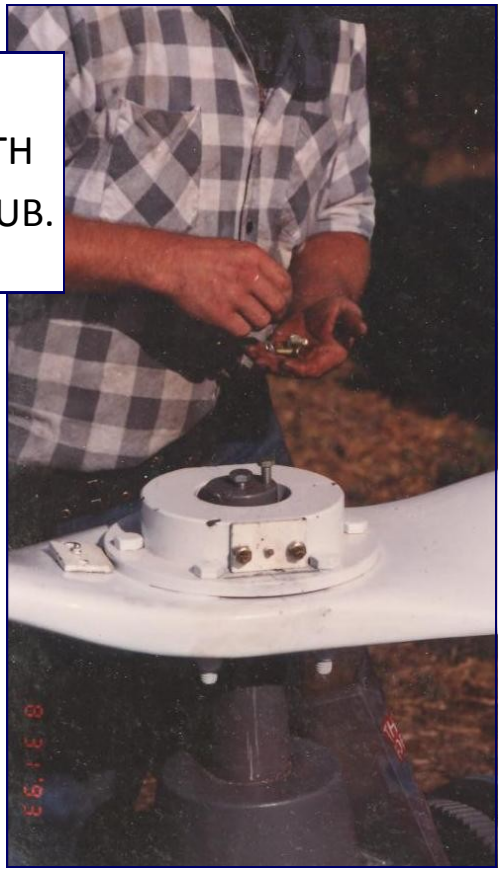


7—INSTALL TEETER HUB PIN LOCK SET BOLT IN PROPERLY ALIGNED HOLE AND TIGHTEN.

8—INSTALL TEETER HUB PINTEL WASHERS—TEFLON COATED SIDE TOWARDS TEETER



9—INSTALL TEETER HUB END CAPS BOTH SIDES OF TEETER HUB.





10—GREASE TEETER HUB END CAPS UNTIL GREASE COMES OUT BETWEEN CAP AND HUB.



11—HOLD FAN BLADE FROM ROTATING WITH A BUNGEE STRAP OR ROPE.



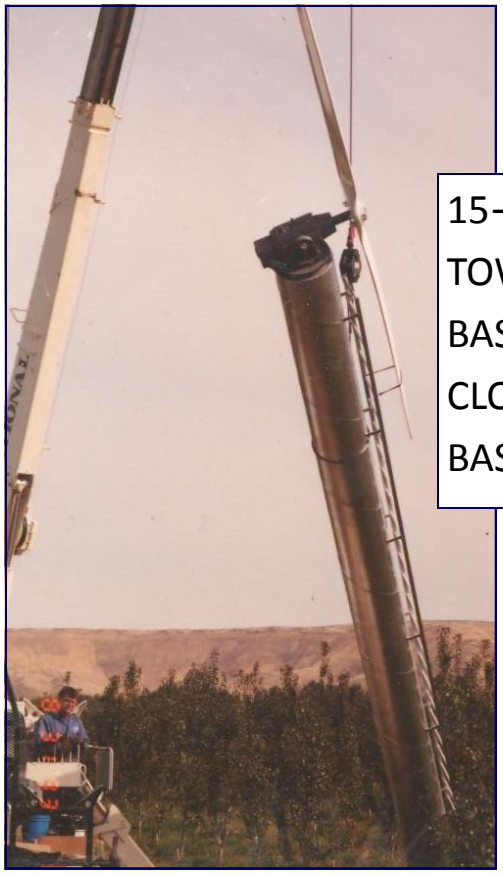
12—ATTACH CHOKER CABLE JUST BELOW SECOND SET OF LADDER CLEATS FROM GEAR HEAD.



13—GET PERSONNEL TO BASE OF TOWER BEFORE LIFTING.



14—BEGIN TO LIFT TOWER.



15—CONTINE TO LIFT TOWER—DRAGGING BASE OF TOWER CLOSER TO CONCRETE BASE.



16—KEEP LIFTING TOWER—WATCH OUT FOR FAN BLADE HITTING AGAINST BOOM.



17—LIFT TOWER OFF THE GROUND—POSITION OVER THE BOLT HOLES.



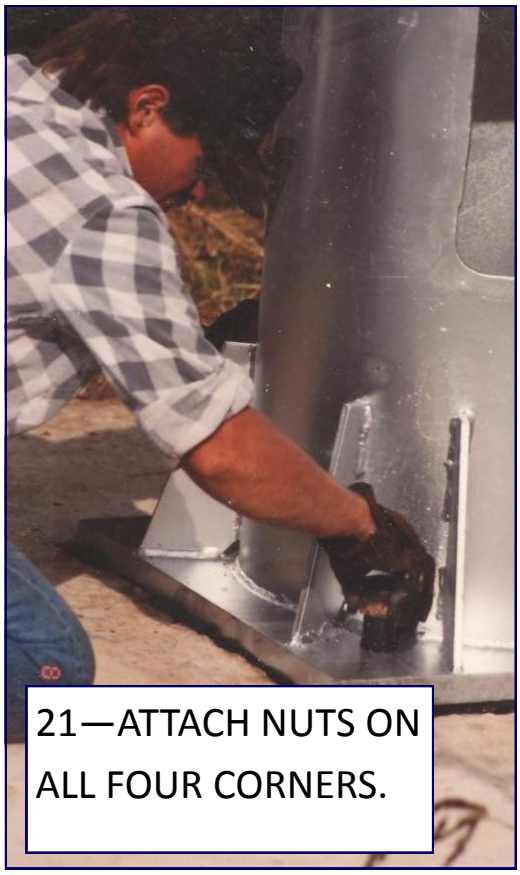
18—BEGIN LOWERING TOWER—LARGE OPENING DIRECTION OF ENGINE HOLD DOWN BOLTS.



19—CONTINUE LOWERING TOWER—MAN SHOULD JUST STABILIZE.



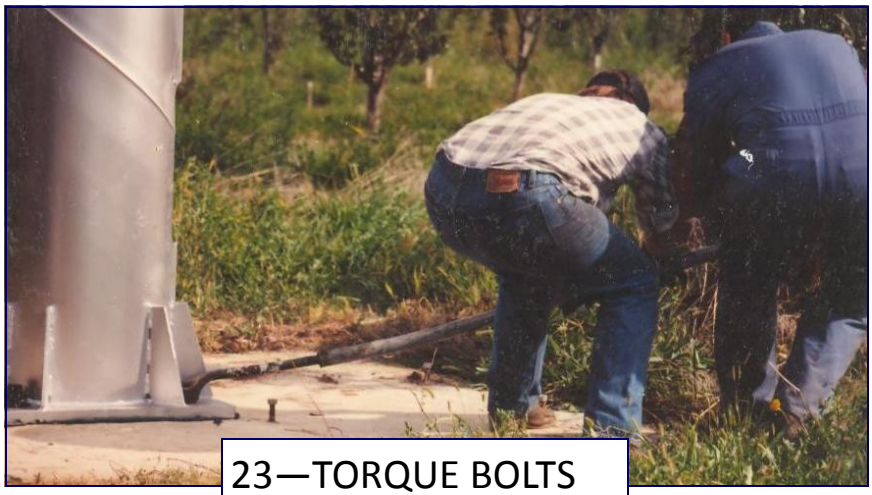
20—LOWEST POINT OF BASE ALIGNS WITH BOLT STUD FIRST.



21—ATTACH NUTS ON ALL FOUR CORNERS.



22—TIGHTEN DOWN.



23—TORQUE BOLTS DOWN WITH CHEATER BAR TO ENSURE NUTS WON'T LOOSEN.



24—DISCONNECT CHOKER CABLE AND BUMGEE STRAP FROM FAN BLADE.



25—LIFT ENGINE FROM TRUCK—PULL OFF PROTECTIVE FAN COVER LOWER GEAR BOX.



26—CHECK OIL LEVEL IN LOWER GEAR BOX.



27—INSERT ENGINE IN TOWER—POSITION ON ENGINE STUDS, TIGHTEN DOWN.



28—INSTALL PROTECTIVE FAN COVER IN TOWER OPENING AND TIGHTEN DOWN.



29—HOOK UP DRIVELINE BOLTS TO LOWER GEAR BOX, TORQUE DOWN.



30—POSITION FUEL TANK, HOOK UP FITTINGS AND FUEL LINE.

31— START UNIT, HOOK UP INSTRUMENTS, SET HIGH SPEED, HAND KEYS AND MANUAL OVER TO HAPPY CUSTOMER.

