

Figure 1 Sketch of 1.5XLE (from GE literature).

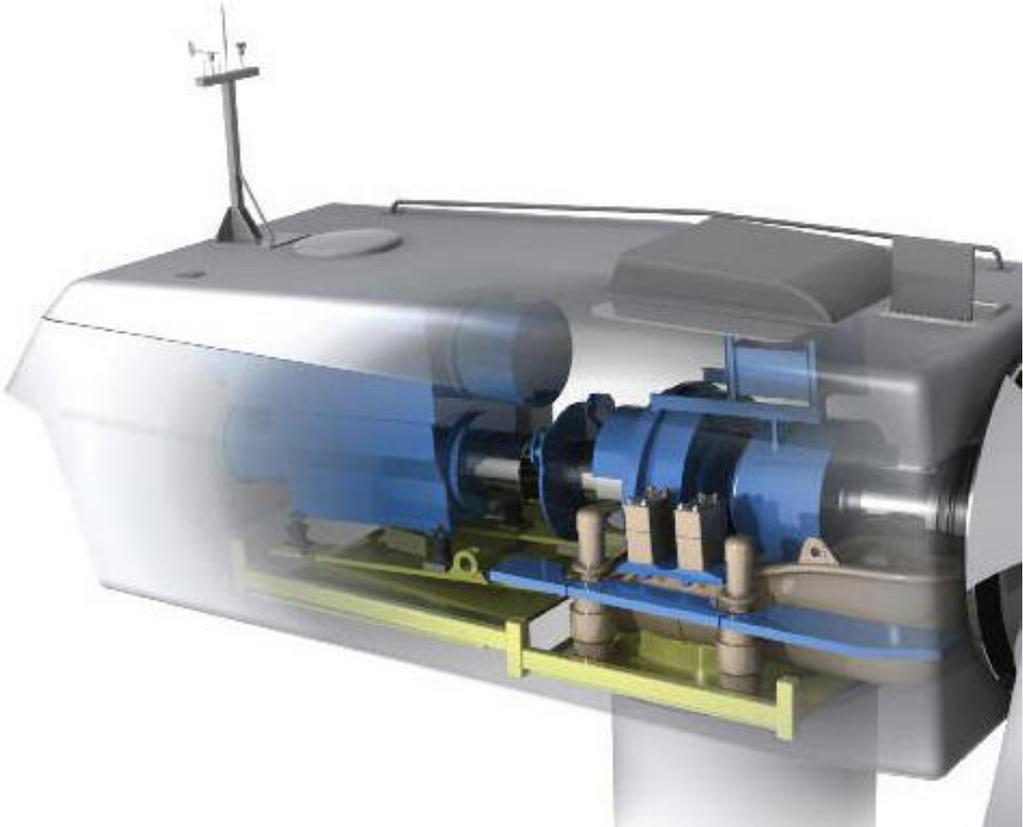


Figure 2 Sketch of 1.5XLE (from GE literature).



Figure 3 viewed through windshield at accident scene (GE provided image).



Figure 4 viewed through windshield at accident scene (GE provided image).



Figure 5 Left side of machine head.



Figure 6 Front of machine head; nacelle fractured at bottom center.

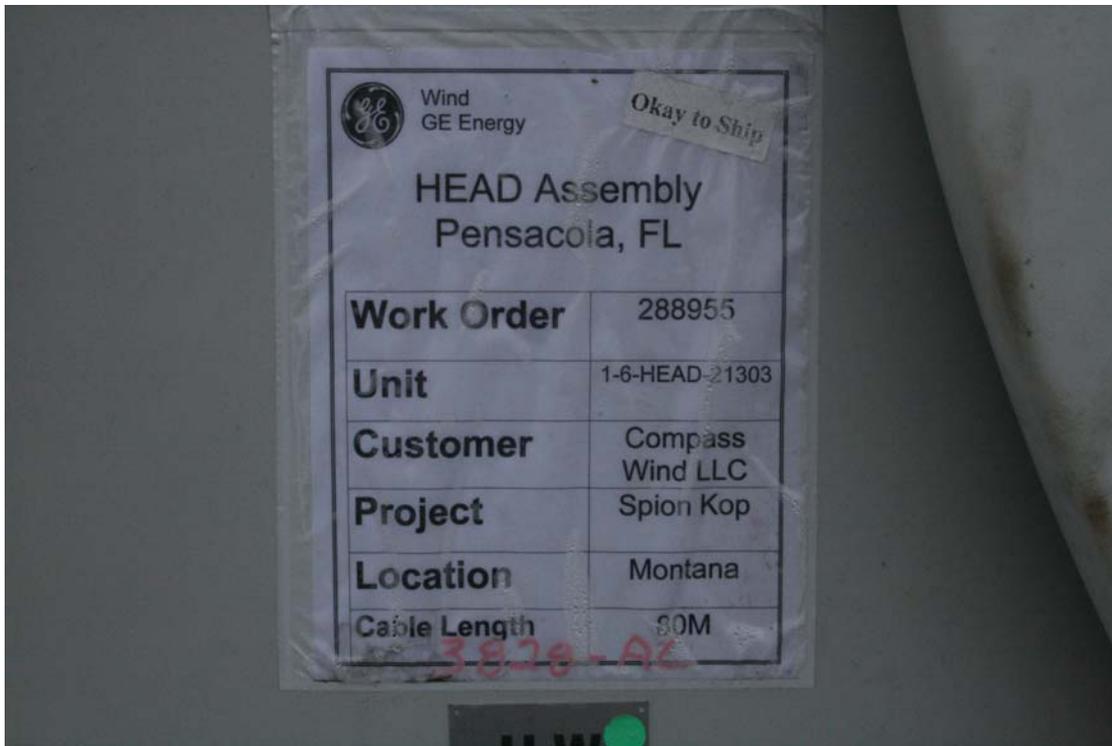


Figure 7 Machine head identity marking on right front of nacelle.



Figure 8 Right side of machine head with nacelle scrape marks and penetrations.



Figure 9 Penetration in nacelle near the right rear.



Figure 10 Penetration in nacelle right side near the center.

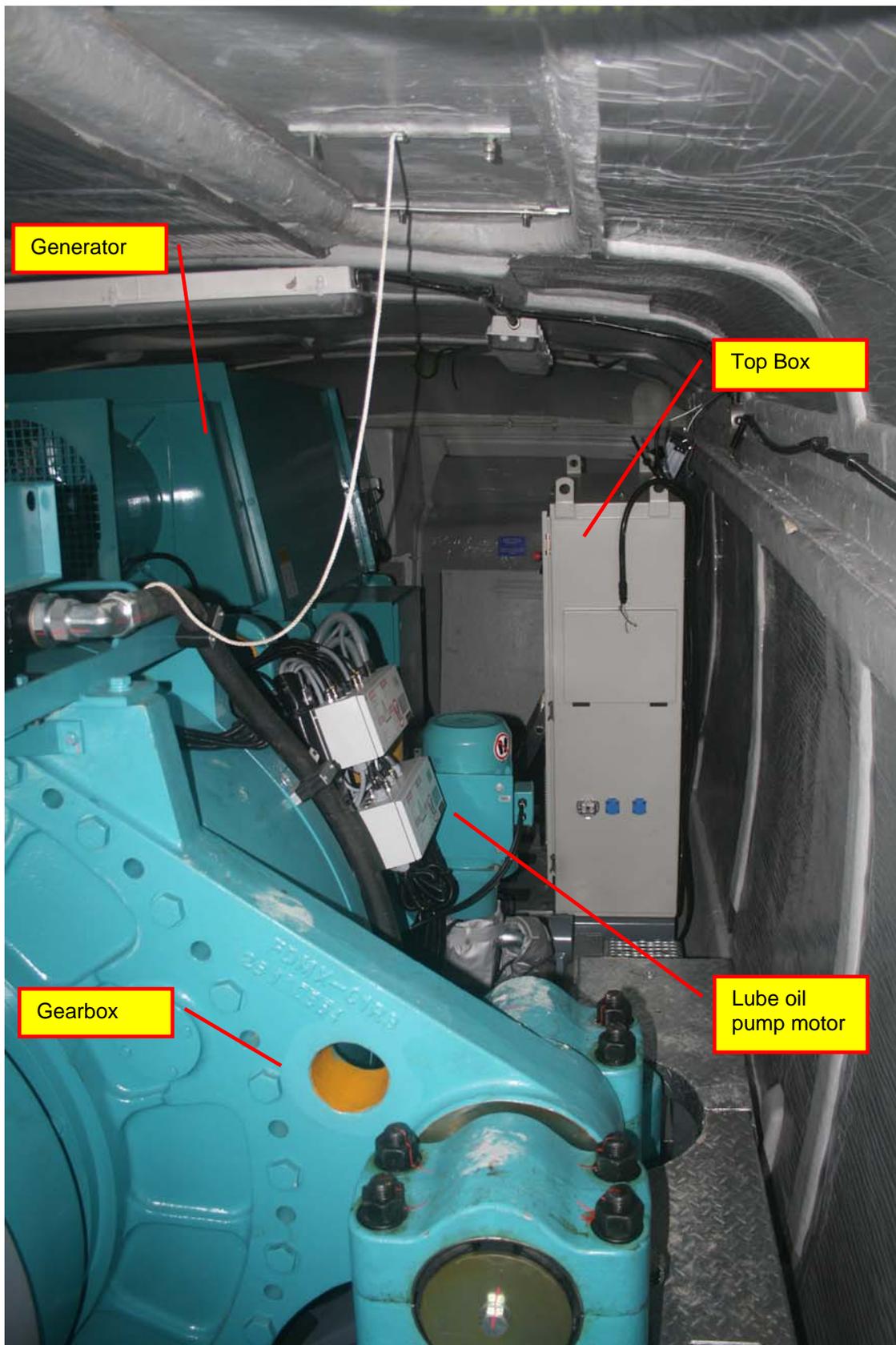


Figure 11 Left side of machinery space viewed to the rear. Top box (control panel) in right background.



Figure 12 Aft end of generator with heat exchanger discharge duct through nacelle; viewed from the right side.

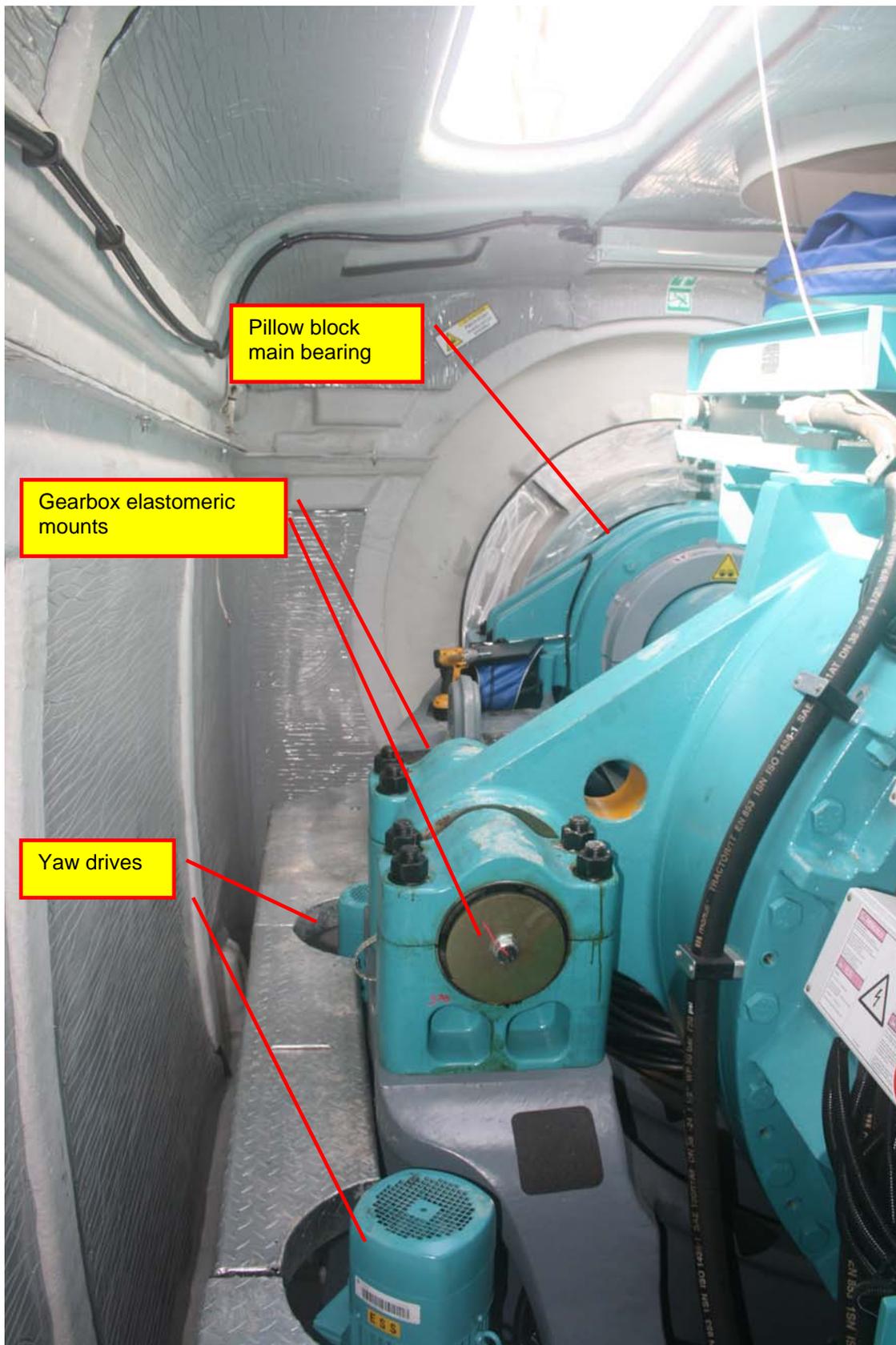


Figure 13 Left side of machinery space viewed to the front. Pillow block bearing in the background.

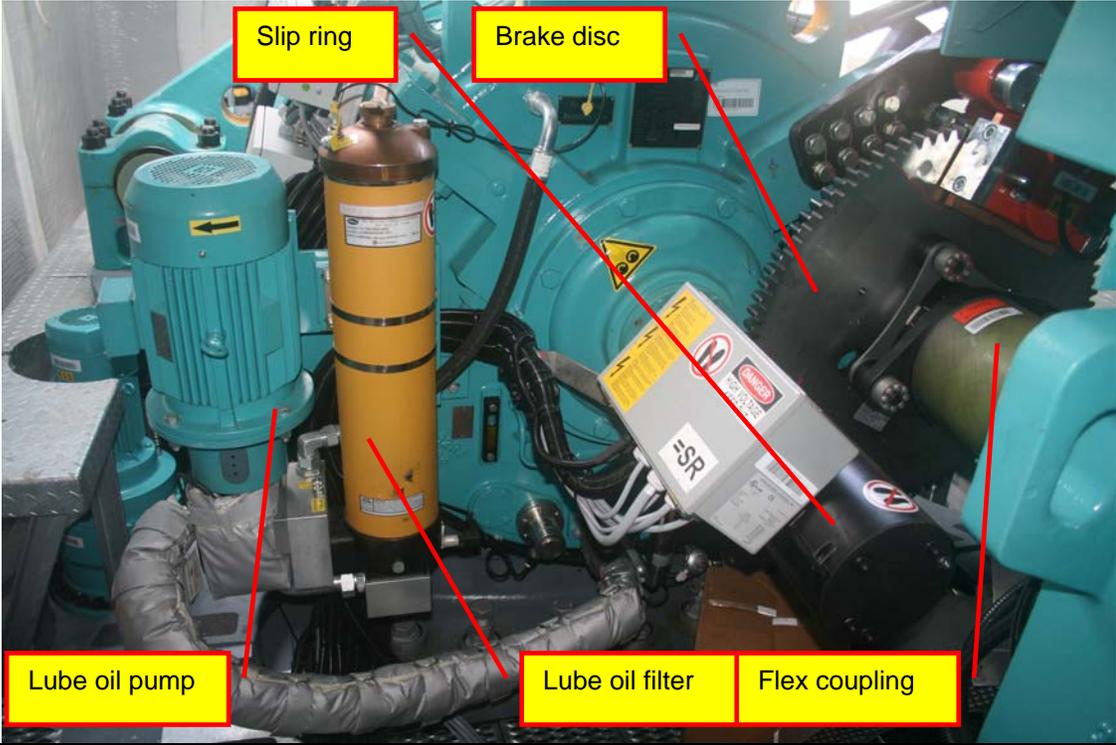


Figure 14 Gearbox viewed from the left rear.

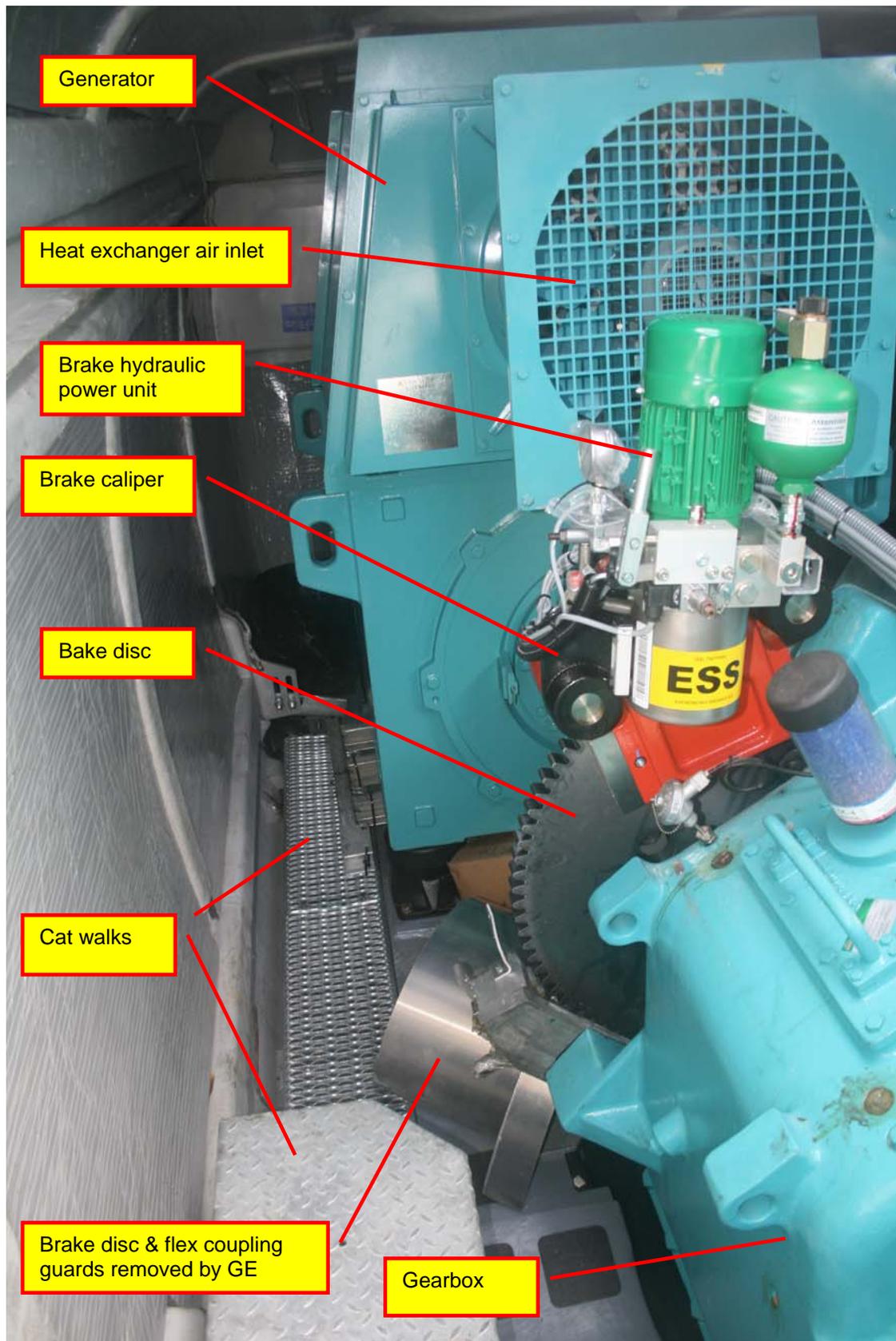


Figure 15 Right side of machinery space viewed to the rear. Generator and heat exchanger inlet fan in the background.

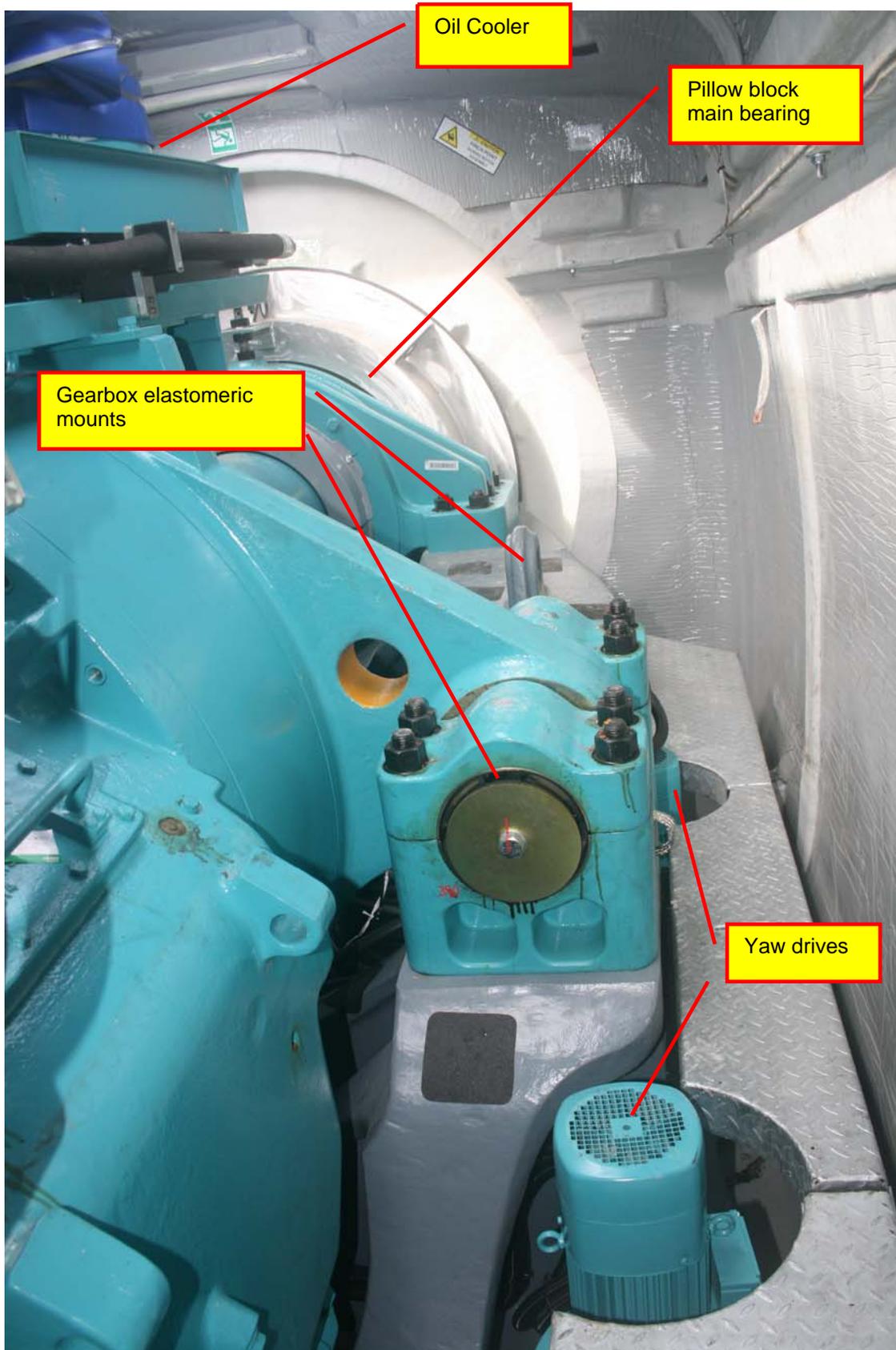


Figure 16 Right side of machinery space viewed to the front. Pillow block bearing in the background.



Figure 17 Oil cooler forward of gearbox with blue flex duct separated from nacelle.



Figure 18 Pillow block main bearing viewed from the left side.



Figure 19 Close-up view of main pillow block bearing left side bolting.



Figure 20 Left front yaw drive mounted on bedplate viewed through catwalk cutout.



Figure 21 Tower cables coiled below main shaft viewed from the left side.



Figure 22 Tower cables coiled below main shaft. Bent shipping legs at arrow.



Figure 23 Fractured left front bottom of nacelle. Viewed to the front below the catwalk. Yaw gear at arrow.



Figure 24 Bent shipping legs attached to the yaw gear.



Figure 25 Bent shipping legs attached to the yaw gear.

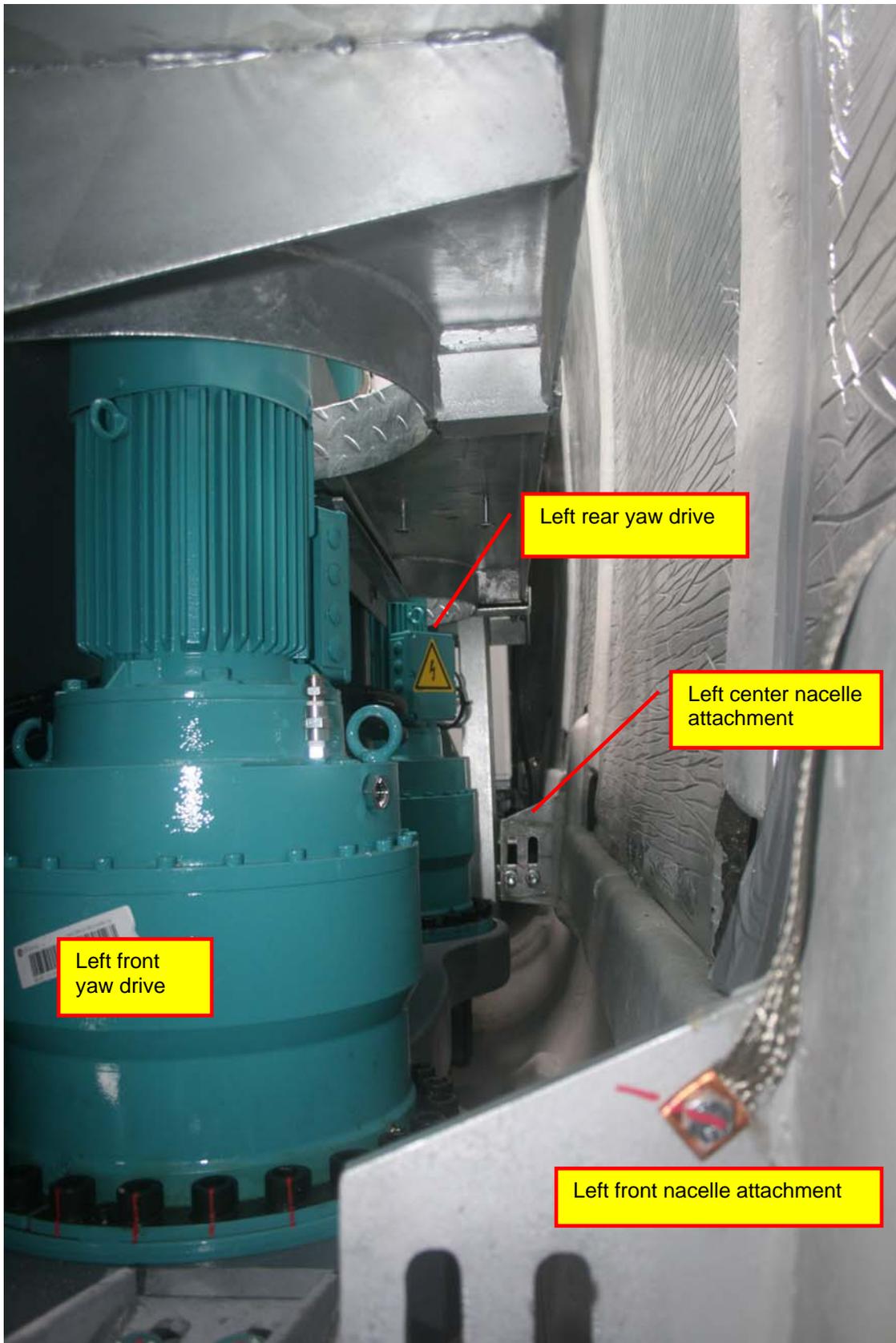


Figure 26 Left side of nacelle viewed to the rear below the catwalk level.

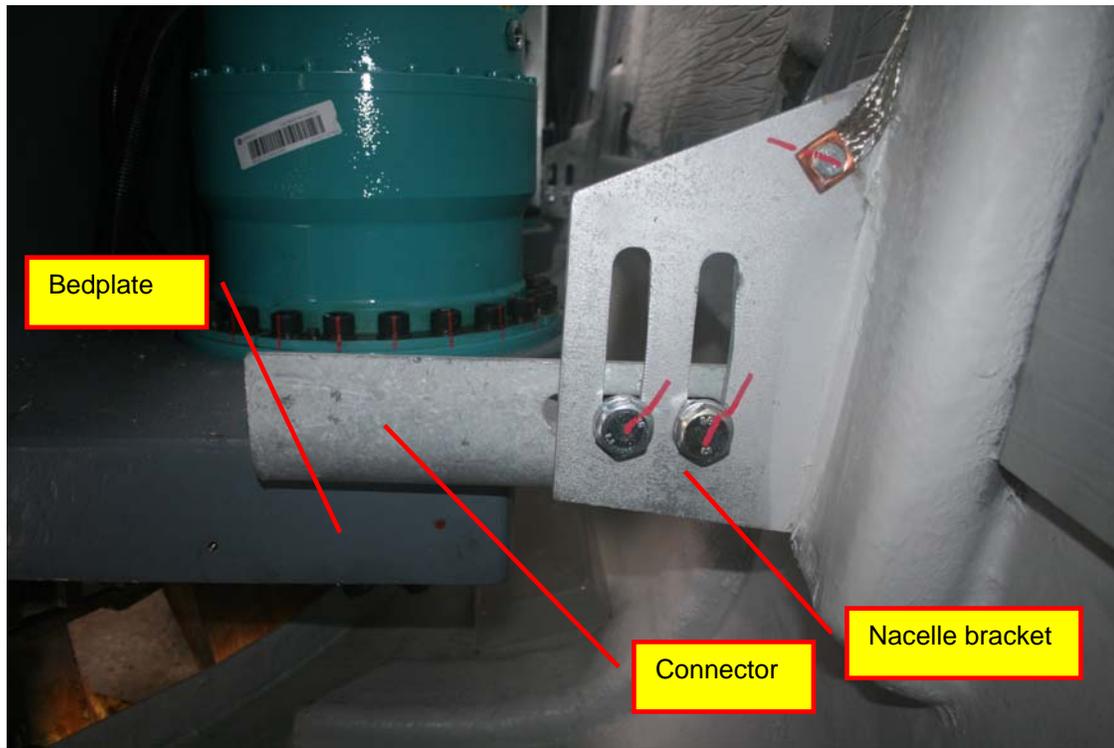


Figure 27 Left front nacelle attachment viewed to the rear. Bolting not moved.

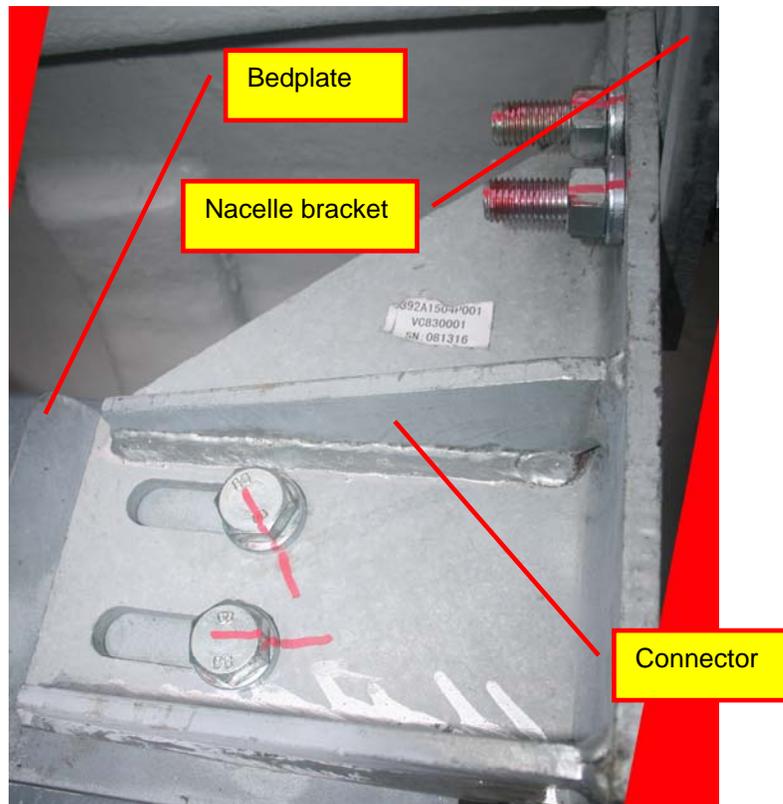


Figure 28 Left front nacelle attachment viewed from above. Bolting not moved. Connector not bent.



Figure 29 Left center nacelle attachment viewed from above.

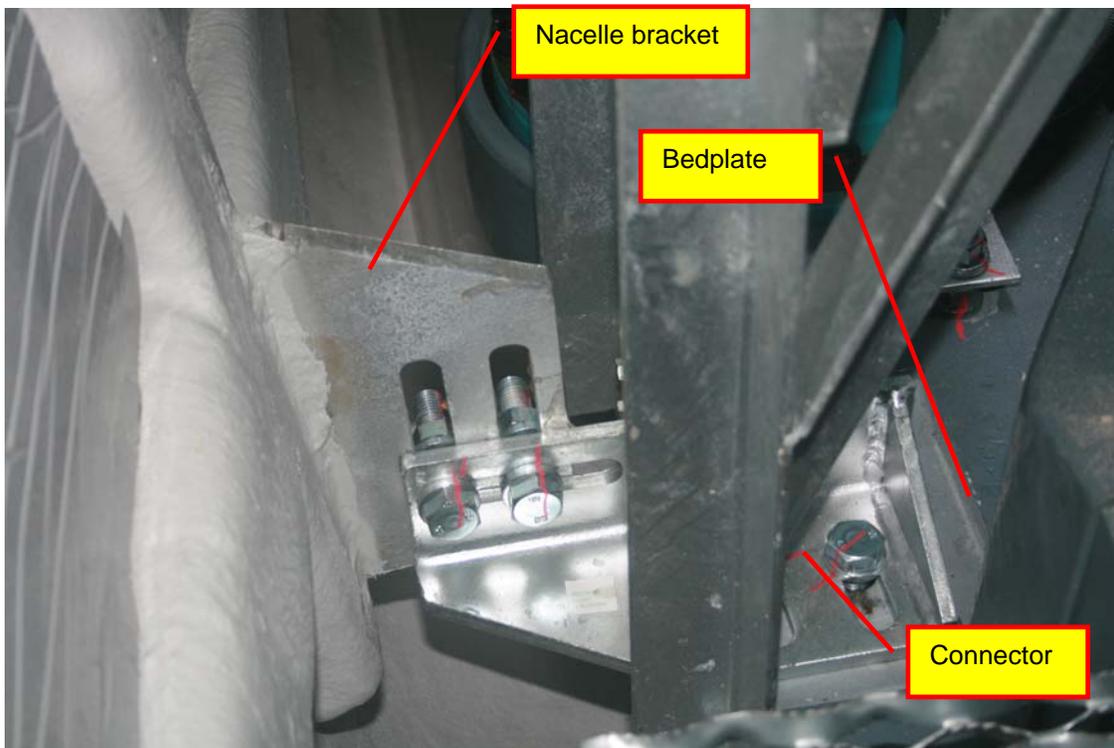


Figure 30 Left center nacelle attachment viewed from above. Bolting not moved. Connector not bent.



Figure 31 Front of Top Box viewed to the rear.

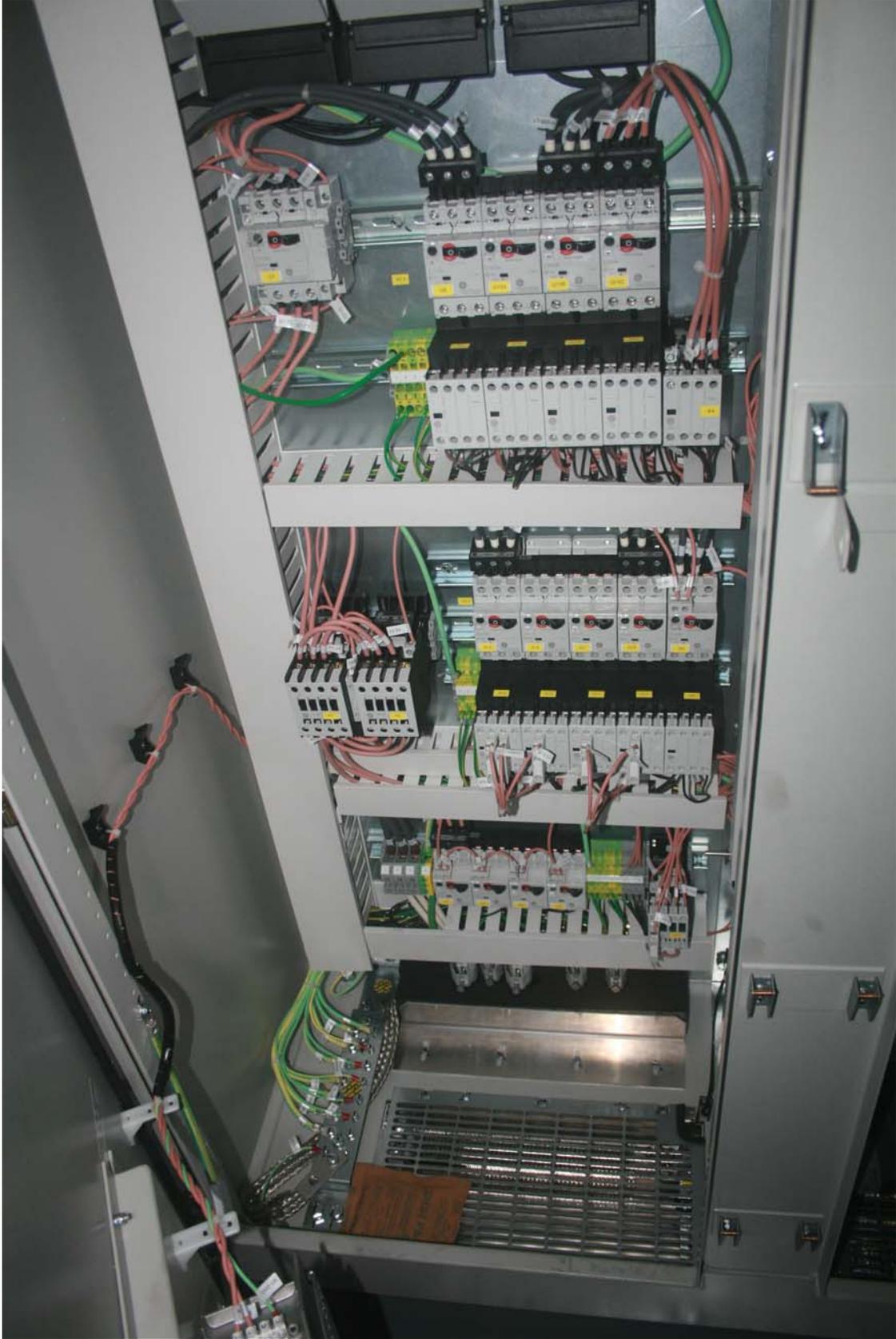


Figure 32 Left side interior of Top Box.

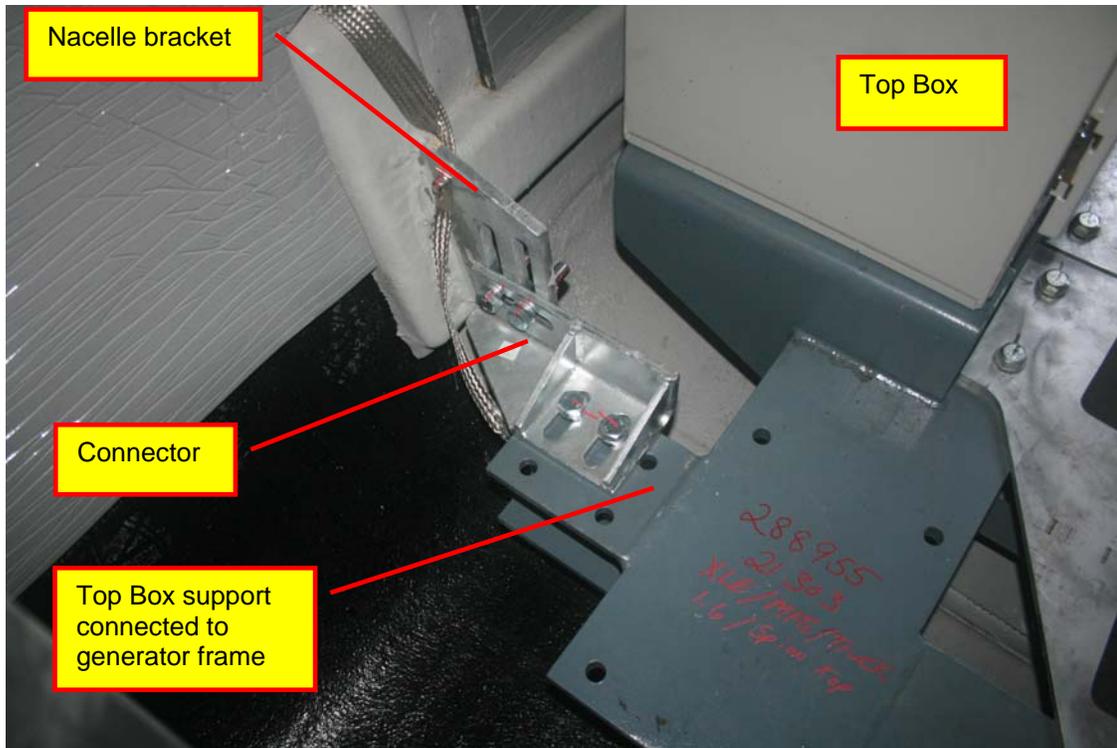


Figure 33 Left rear nacelle attachment adjacent to Top Box.

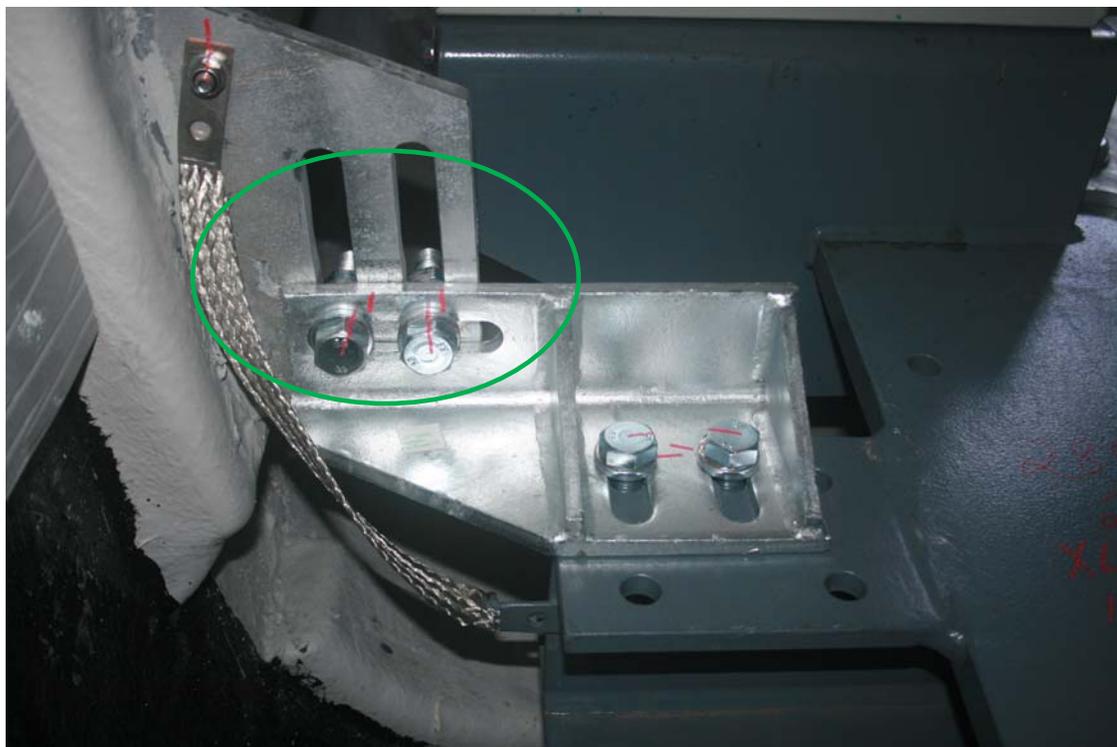


Figure 34 Left rear nacelle attachment. Bolting moved on nacelle end of connector.



Figure 35 Left front generator mount.



Figure 36 Left front generator mount. Generator frame attachment bolting not moved.

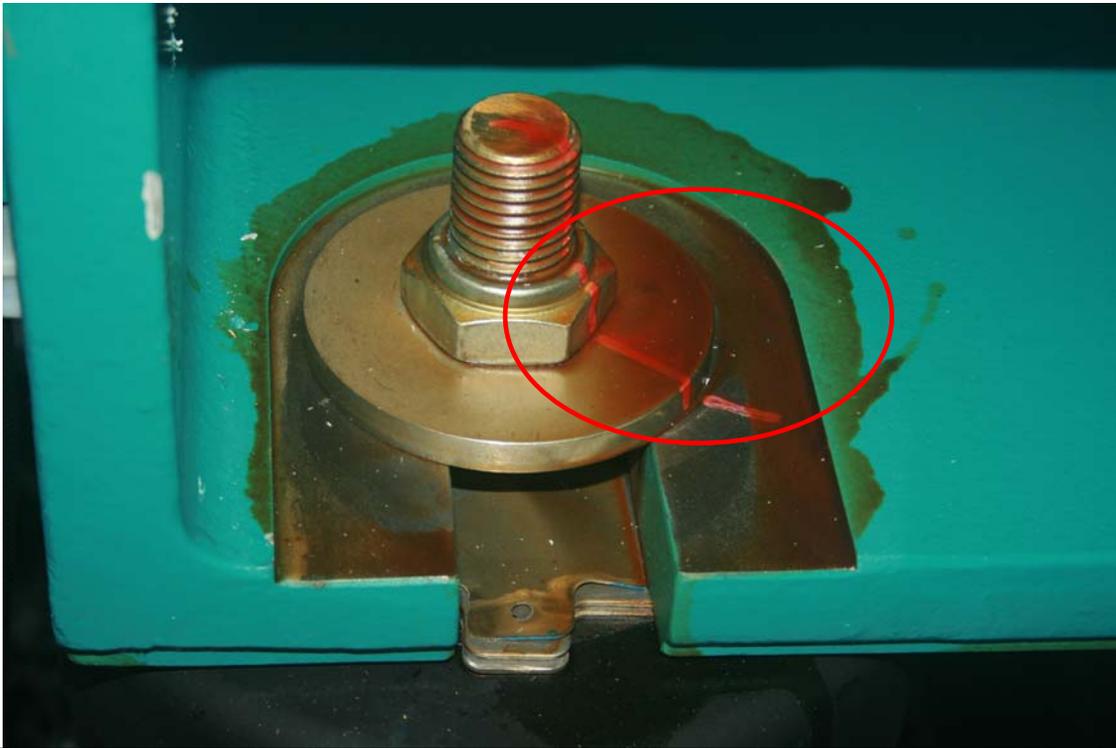


Figure 37 Left front generator mount. Elastomeric insert bolting moved.



Figure 38 Left rear generator mount.



Figure 39 Left rear generator mount. Generator frame attachment bolting not moved.

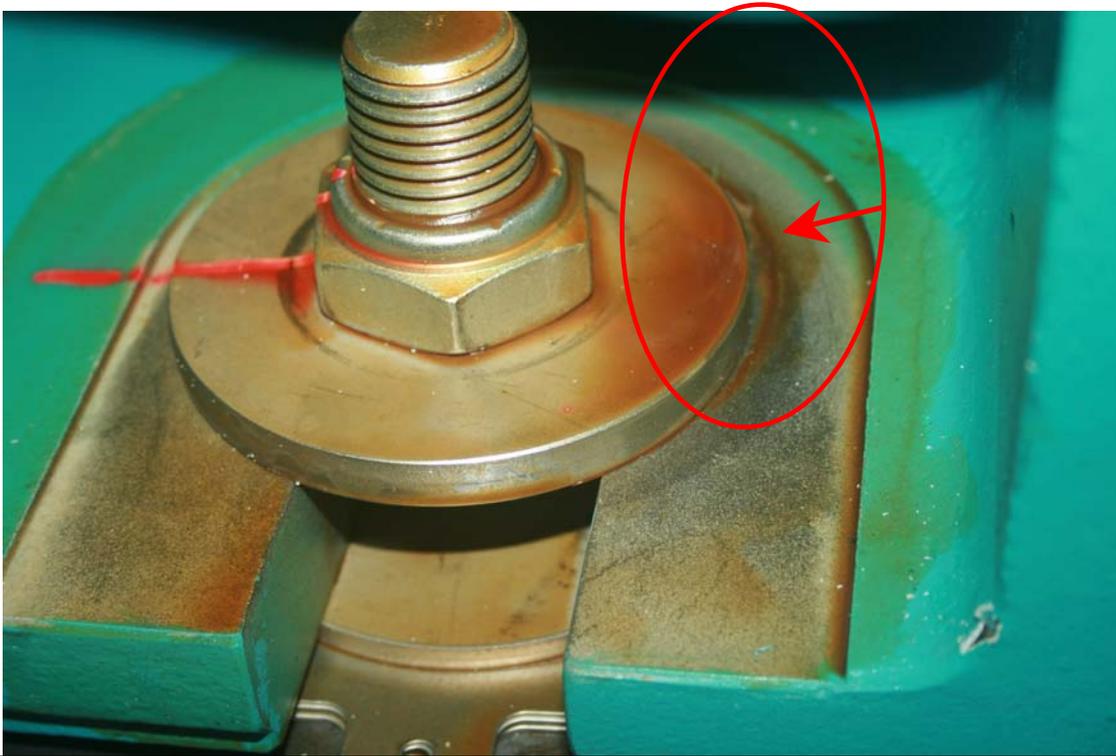


Figure 40 Left rear generator mount. Elastomeric insert bolting moved.

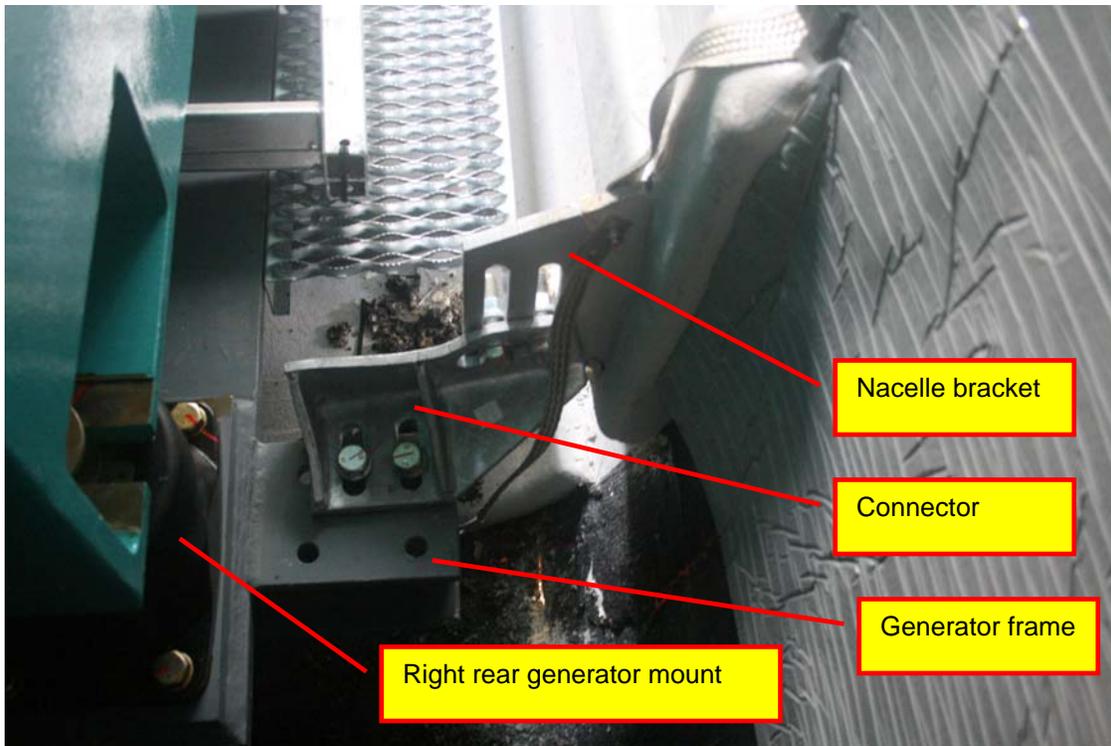


Figure 41 Right rear nacelle attachment.



Figure 42 Right rear nacelle attachment. Connector bent. Nacelle bracket bolting moved.



Figure 43 Right rear generator mount. Generator frame attachment bolting not moved.

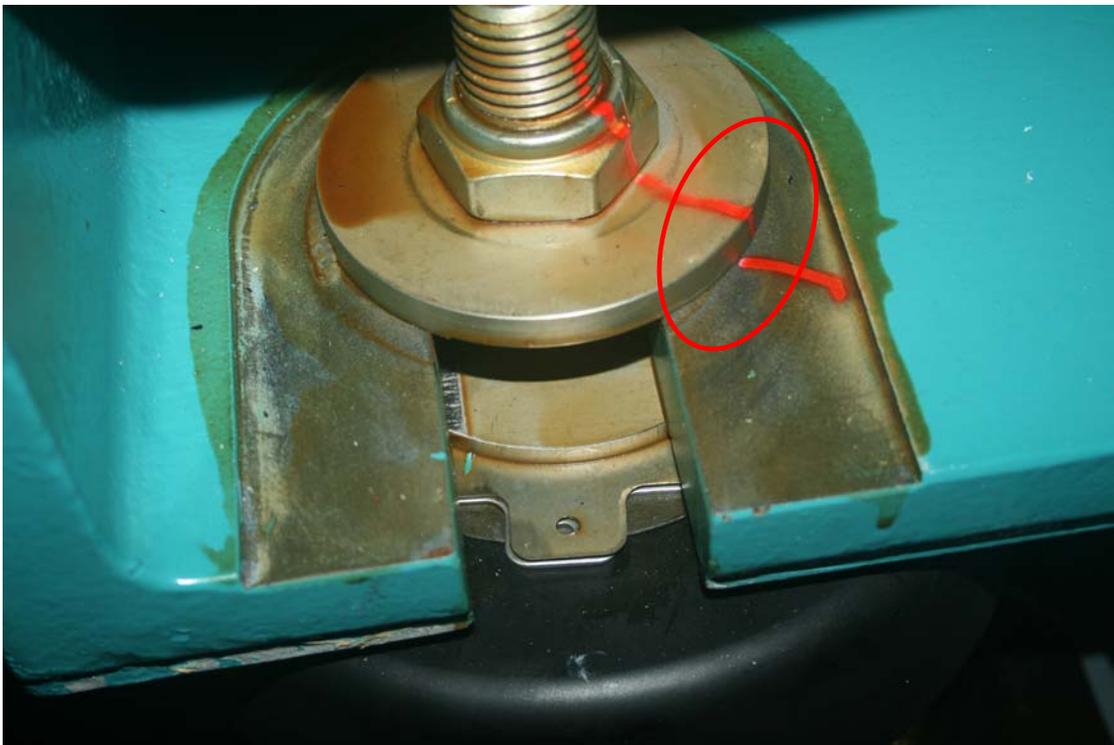


Figure 44 Right rear generator mount. Elastomeric insert bolting moved.



Figure 45 Right front generator mount. Generator frame attachment bolting not moved. Elastomeric insert bolting moved.

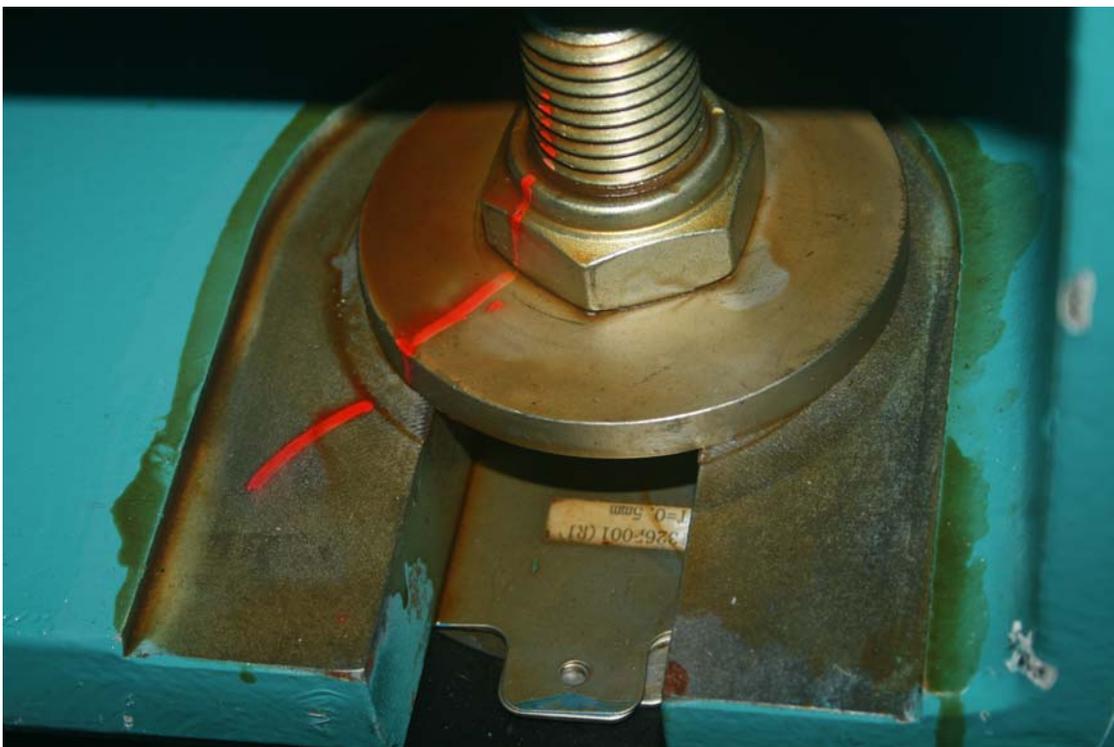


Figure 46 Right front generator mount. Elastomeric insert bolting moved.

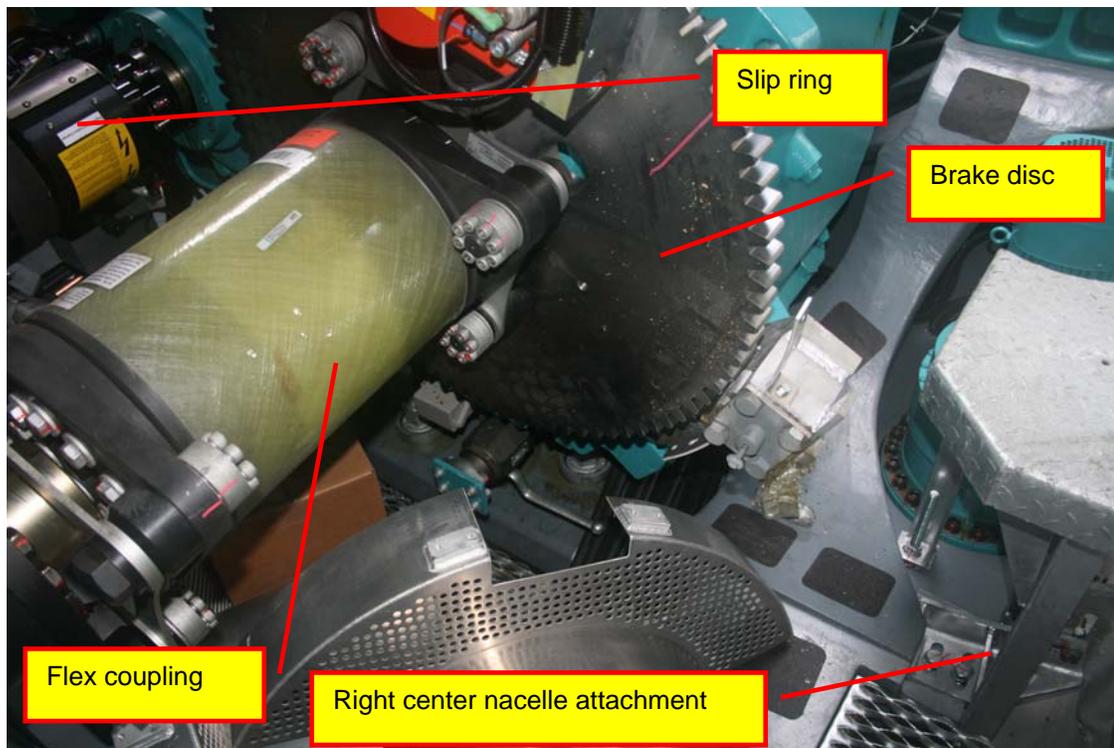


Figure 47 Flex coupling area viewed from the right side.



Figure 48 Right center nacelle attachment. Connector bent. Nacelle bracket bolting moved.



Figure 49 Right rear gearbox mount bolting. Typical of right front gearbox bolting.



Figure 50 Right front yaw drive.



Figure 51 Main pillow block bearing right side bolting.

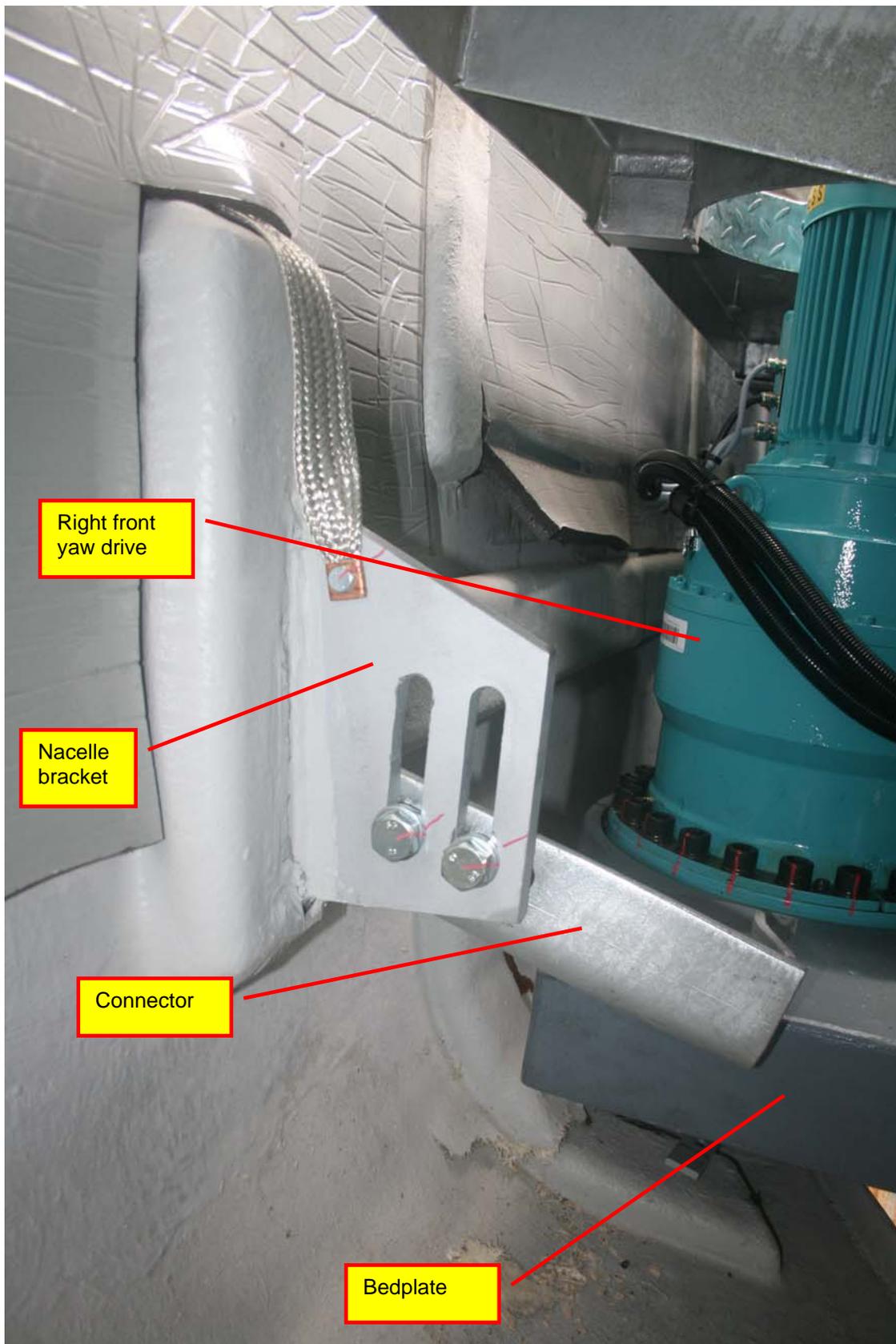


Figure 52 Right front nacelle attachment viewed to the rear.