

OPERATIONS SAFETY NOTICE

October 15, 1999

OSN-222-99-18

TO: To All Owner / Operators of Bell 222 and 222B Series Helicopters

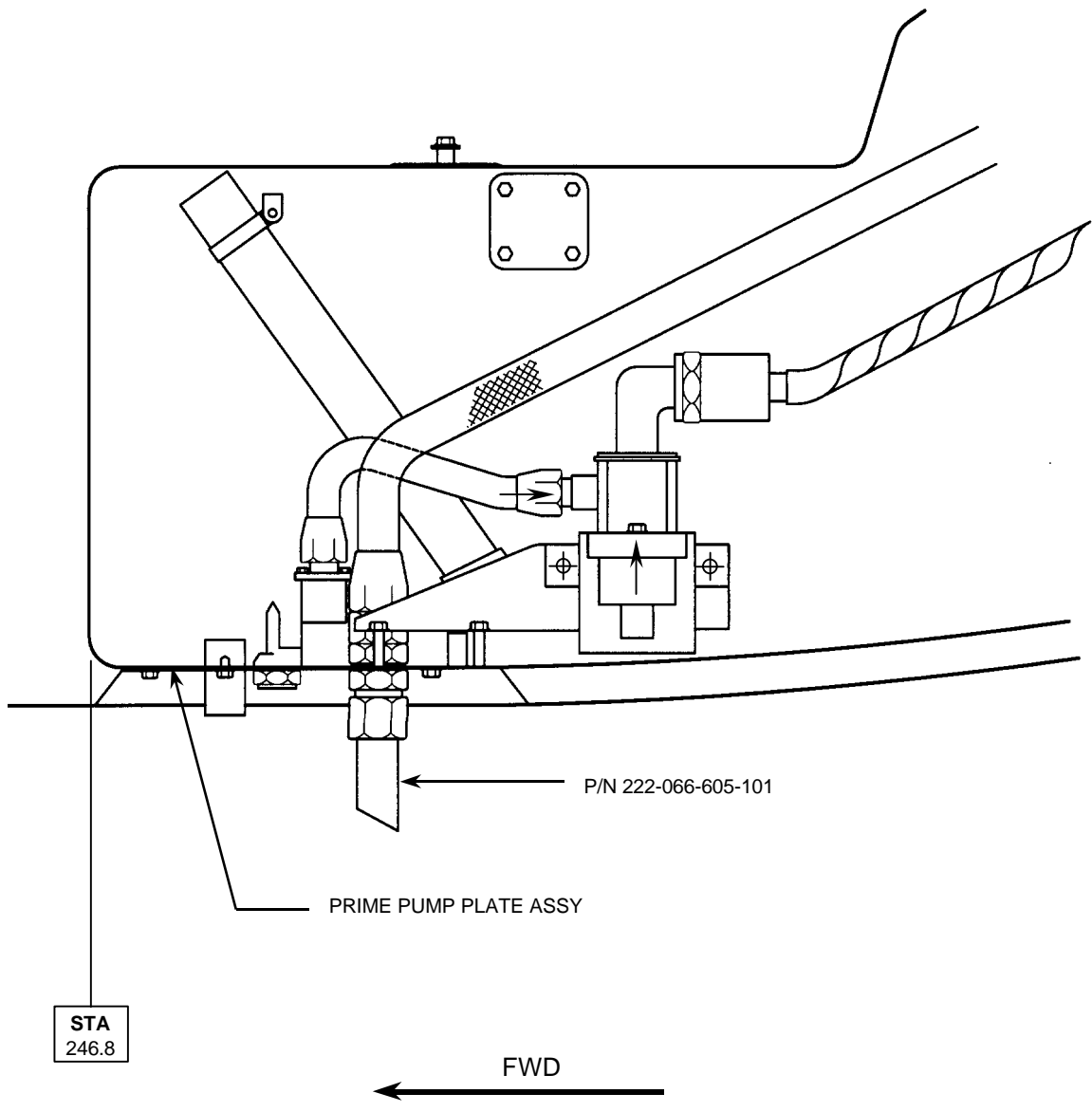
SUBJECT: FUEL SYSTEM VENT TUBES P/N 222-066-605-101

REFERENCE: BHT-222-MM-4, CHAPTER 28-40

Bell Helicopter has received a field report concerning the model 430 fuel system. The report indicates a difference between the fuel quantity indication displayed on the IIDS screen and the actual fuel quantity in the fuel cells.

The subsequent investigation revealed that it is possible to install the fuel system vent tubes with the scarf cut facing aft. Due to inflight air pressures, it is possible to create a slight depression in the fuel cells, that may partially collapse the fuel cell bladders, thereby indicating higher fuel quantity than actual.

Therefore, since the fuel system on the model 222 series is similar to the model 430, this Operations Safety Notice is issued to remind all Model 222 operators to ensure that both fuel cell vent tube scarf cuts are facing forward as noted in the above reference manual, and Figure 1.



VIEW LOOKING INBOARD LEFT HAND SIDE

FIGURE 1