

Draft

Memo for the Record - Training on SL-3
RAHF and other Payloads -
To - SL-3/4 crew, Young, PSW, GWA

~~It was~~ After the difficulties experienced
with this equipment and the emotions aroused
by them ~~there was~~ ^{cons} this was written with
reluctance. However there are fundamental
difficulties which extend beyond ~~or~~ ^{to} individuals
which if not corrected for future flights ~~is~~ ^{are} ~~sure~~
certain to cause difficulty.

There are several areas of difficulty including:
1. poor payload preparation, lack of appreciation
for the ~~or~~ limitations imposed by space flight,
lack of experience and unwillingness to learn
some elementary ~~of~~ ⁱⁿ facts of training and
preparation for space flight, and very poor
preparation and use of training facilities.

There has been ample time and effort, including
a 21+ year simulation of this mission (SMD-311),
to have the basic hardware and procedures in
order. For whatever reasons nothing was
learned from this effort as regards what can
& cannot be done in space flight, the need
to meet schedules, the necessity to deliver
operable hardware at a reasonable time and
to be able to correct deficiencies. Closely
the need for realistic training.

coupled to this is the necessity for
correcting discrepancies prior to flight.

1. Poor payload preparation; Also included here are procedures and especially contingency procedures. Although ^{on} years and untold millions have been spent ^{on} the design and development of the RAHF major problems were ~~either~~ not discovered until critical milestones in the schedule which resulted in make shifts to get past the milestones ~~to~~ and insured that fixes were hurriedly done, often compromises and never ^{fully} tested. ~~From a test~~ the poor workmanship also caused continuing difficulties, e.g. the water separator