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LUMINARY Memo #209

TO: Distribution  
FROM: Peter S. Weissman  
DATE: 23 March 1971  
SUBJECT: Update to Luminary Memo 178, "Inputs to LM DAP  
During Descent and Ascent"

There are only two, rather trivial modifications that must be made to Luminary Memo 178 to update it for the Luminary 1E program. First, the IMU fine align option has been deleted from P63; the actions which are shown following the alignment (or bypass) are not related to the alignment and they are still performed. Second, the noun displayed at the end of the ascent burn is now N94, not N63.

The DAP OFF light on the DSKY is a new feature. It will be illuminated whenever the DAP is in the idling mode or the Minimum Impulse mode. If it appears unexpectedly, a failure in the PGNS Mode Control switch which has turned off the DAP is indicated. Selection of the other control mode is probably possible. The light will go on when P68 is entered (if ATT HOLD is selected) because P68 automatically calls for the Minimum Impulse mode.

It is perhaps worth noting that selection of AGS will not cause the NO DAP light to go on because the PGNS DAP attempts to control regardless of the Guidance Select switch.