

Route 4, Box 33
Santa Fe, N. M.
87501

7 October 1968

Mr. Robert Flieder, Chief Engineer
American Speedlight Corporation
25-15 50th Street
Woodside, Long Island
New York

Dear Mr. Flieder:

In accordance with your proposal during our recent telephone conversation, I am sending you suggestions for the up-dating of the two special electronic flash units built for me by the American Speedlight Corporation.

The first equipment you built for me was in 1954. It consisted of 3 intercoupling power packs with a combined putput of about 1000 Watt-seconds, designated as Model 54-172, 1, 2, and 3. For modernization I suggest the following improvements:

1. Solid-state triggering to replace the OA5 tubes.
2. Solid-state vibrators.
3. Amphinol lamp connections, interchangeable if possible with the lamp connectors of Model 63-552.
4. New cords and Amphinol connectors to lamp heads.
5. Replacement of all components which appear to have been damaged or overloaded.
6. Replacement of main condensers with new more reliable types if available.

Model 63-552

1. Change to all solid-state components if these are not already part of design.
2. Increase condenser capacity above present 75 mf if space available.
3. Remove retainer ring screws on Amphinol lamp head connectors. (Replace with quick action lock type if available)
4. Replace obsolete components by more reliable modern types that may be available but not known to me.

My knowledge of electronics is quite limited so I must rely on your judgement and knowledge to up-date and improve this special equipment.

After hearing from you I can arrange to ship the equipment to American Speedlight for modification.

Yours sincerely,

Eliot F. Porter