

COLOR CODING OF TERMINALS AND WIRING FOR FLIGHT EQUIPMENT

Issued 8-15-61
Revised

1. PURPOSE: This Aeronautical Recommended Practice outlines a Color Code guide for identifying three-phase electrical wiring and terminals of flight equipment, for use by the aerospace industry when a need for such identification is evident and desirable.
2. SCOPE: The use of this code will serve as an aid in preventing incorrect wire hookups. It is intended that this code will supplement other identification practices (e.g. MIL-STD-122, MIL-STD-195, MIL-SPEC.-5088B) when required. The colors were selected to conform with the previously issued military standard for marking of connections for electrical assemblies (MIL-STD-195).
3. COLOR CODE:

PHASE SEQUENCE NUMERAL		COLOR IDENTIFICATION
WIRING	EQUIPMENT	
A	T ₁ or L ₁	Black
B	T ₂ or L ₂	Red
C	T ₃ or L ₃	Green
N (Ground)	T ₀	White (Cream to White to Light Gray)

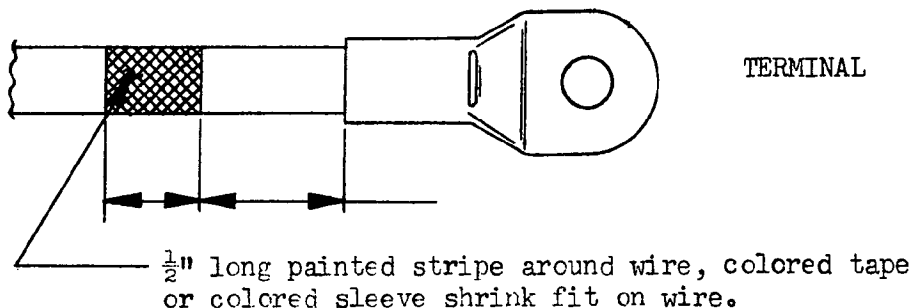
4. APPLICATION:

- 4.1 Colors shall conform to MIL-STD-104 (Limits for Electrical Insulation Color) and the following:
 - 4.1.1 Be resistant to aircraft type fluids (e.g. Skydrol, engine oil, fuel, etc.).
 - 4.1.2 Be resistant to change at elevated temperatures.
 - 4.1.3 Be resistant to electrical conductivity as applied or under deteriorating conditions.
 - 4.1.4 Shall not appear as different colors under types of artificial light used under aircraft servicing conditions.

CANCELLED
NOV. 1990

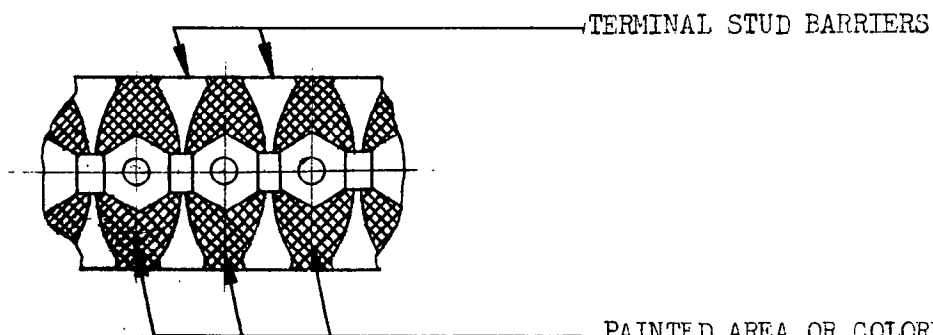
-2-

- 4.2 Wires shall be marked at terminal disconnect points in a manner similar to that shown below.



Caution: Do not obscure other wire identification

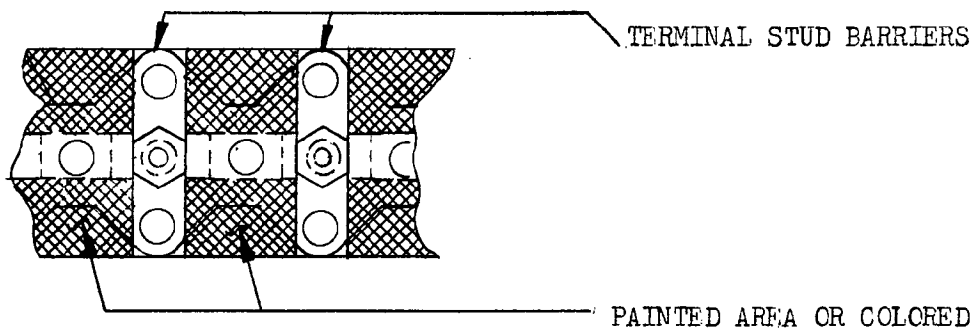
- 4.3 Equipment terminal disconnect blocks shall be marked in a manner similar to that shown below.



Caution: 1. Do not paint any contact surface area
2. Do not paint area directly between two terminal studs

TYPE 1

(MS25076, MS25078, MS25131, MS25262 & MS33631 Terminal Boards)



Caution: 1. Do not paint any contact surface area
2. Do not paint area directly between two terminal studs

TYPE 2

(MS25123 Electrical Terminal Board Assembly)



Documents

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