

NATIONAL AIRCRAFT STANDARDS COMMITTEE

610 SHOREHAM BUILDING, WASHINGTON, D. C.

AIRCRAFT ELECTRICAL WIRE IDENTIFICATION CODE

CIRCUIT CODING OF AIRCRAFT WIRING SHALL BE IN ACCORD WITH THIS STANDARD. IN ORDER TO AVOID CONFUSION, LETTERS SHALL NOT BE USED IN THE FIRST PLACE OF ANY WIRE IDENTIFICATION UNLESS THEY CONFORM TO THIS CODE.

CODE LETTER	GENERAL CLASSIFICATION	CIRCUITS INCLUDED	
A	ARMAMENT (ALL ARMAMENT CIRCUITS OTHER THAN THOSE ASSOCIATED WITH BOMBING OR TORPEDOING)	AIMING POINT CAMERA AMMUNITION BOOSTER AMMUNITION COUNTER CANNON FIRING GUN CHARGING	GUN FIRING GUN POSITION CONTROL GUN POSITION INDICATOR GUN SIGHT WIRING ROCKET
B	BOMB & TORPEDO	BOMB ARMING BOMB DOOR CONTROL BOMB RELEASE BOMB SELECTOR BOMB SIGHT CHEMICAL RELEASE CHEMICAL TANK RELEASE DEPTH CHARGE ARMING	DEPTH CHARGE RELEASE PILOT DIRECTION INDICATOR TORPEDO ARMING TORPEDO RELEASE TORPEDO SELECTOR TORPEDO SIGHT TORPEDO DEPTH ADJUSTMENT TORPEDO TRAINING CAMERA
C	FLIGHT CONTROLS (FOR ENGINE CONTROLS SEE "K")	AUTO PILOT SYSTEM AUTOMATIC PROPELLER SYNCHRONIZER AUTOMATIC PULLOUT, DIVE CONTROL TABS DIVING BRAKES FLAP, LANDING	FLIGHT CONTROL SURFACE BOOSTER TRIM TAB WATER RUDDER POSITION WING SLATS
D	DE-ICING OR ANTI-ICING	ANTI-ICING CONTROL DE-ICING CONTROL (MECHANICAL OR RATON HEATER HEAT)	WINDSHIELD HEAT DEFROSTER WINDSHIELD SPRAY WINDSHIELD WIPER
E	ENGINE INSTRUMENTS	CARBURETOR AIR TEMPERATURE CARBURETOR MIXTURE TEMPERATURE COOLANT TEMPERATURE ENGINE TEMPERATURE FUEL FLOW FUEL MIXTURE FUEL PRESSURE FUEL QUANTITY MANIFOLD PRESSURE OIL PRESSURE	OIL QUANTITY OIL TEMPERATURE POSITION INDICATOR, COOLANT FLAP POSITION INDICATOR, COWL FLAP POSITION INDICATOR, INTERCOOLER POSITION INDICATOR, OIL FLAP SYNCHROSCOPE TACHOMETER TORQUE METER
F	FLIGHT INSTRUMENTS	BANK & TURN CABIN PRESSURE INDICATOR	INSTRUMENT VACUUM PUMP POSITION INDICATOR, COOLING FLAP

TITLE

CODE - WIRE IDENTIFICATION

STANDARD METHOD
NAS 46

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PROJECT SURVEY NO.
PROJECT NO. P228-7
APPROVED FEBRUARY 4, 1944 REVISION 1 December 1944.

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CODE LETTER	GENERAL CLASSIFICATION	CIRCUITS INCLUDED	
F (CONT.)	FLIGHT INSTRUMENTS	CABIN TEMPERATURE DIRECTION GYRO FREE AIR TEMPERATURE GYRO HORIZON	POSITION INDICATOR, LANDING FLAP POSITION INDICATOR, LANDING GEAR POSITION INDICATOR, VENTILATION VALVE REMOTE COMPASS
G	LANDING GEAR	ACTUATOR DOWN LOCK GROUND SAFETY CIRCUIT UP LOCK	WHEEL BRAKES WHEEL SPINNING WHEEL STEERING
H	HEAT, VENTILATION & PRESSURIZATION	BATTERY HEATER CABIN SUPERCHARGER CABIN HEATER CAMERA HEATER FOOD HEATER GUN HEATER HEATED BLANKET	HEATED FLYING SUITS OIL IMMERSION HEATER OXYGEN HEATER REFRIGERATION VENTILATION CONTROL WATER HEATER
I	(THE LETTER "I" SHALL NEVER BE USED FOR THE PURPOSE OF PERMIT OR WIRE IDENTIFICATION IN ORDER TO AVOID CONFUSION WITH THE NUMERAL ONE.)		
J	IGNITION	BOOSTER DISTRIBUTOR	IGNITION VIBRATOR MAGNETO
K	ENGINE CONTROLS	BLOWER RATIO FLAP, CARBURETOR MTR FLAP, COOLANT FLAP, COWL FLAP, INTERCOOLER	FLAP, OIL PROPELLER FEATHERING PROPELLER PITCH STARTER (ENERGIZE & MESH) SUPERCHARGER REGULATOR
L	LIGHTS (ILLUMINATION)	CARGO DEFT EXTENSION INSTRUMENT INTERIOR ILLUMINATION CABIN CHART COCKPIT DOME MAP READING TABLE LANDING	NAVIGATION APPROACH BLINKER FORMATION PASSING POSITION RIDING RUNNING SECTION RECOGNITION SEARCH SPOT EXTENSION
M	MISCELLANEOUS	BILGE PUMP CARGO DOOR EJECTOR EQUIPMENT (LIFE RAFT, ETC.) PERSONNEL	HOIST BOMB CARGO ENGINE PHOTOGRAPHIC EQUIPMENT

TITLE

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NAS 46 Documents

Document Sharing Hub

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PROJECT SURVEY NO.
PROJECT NO. P228-7
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