

SPERRY

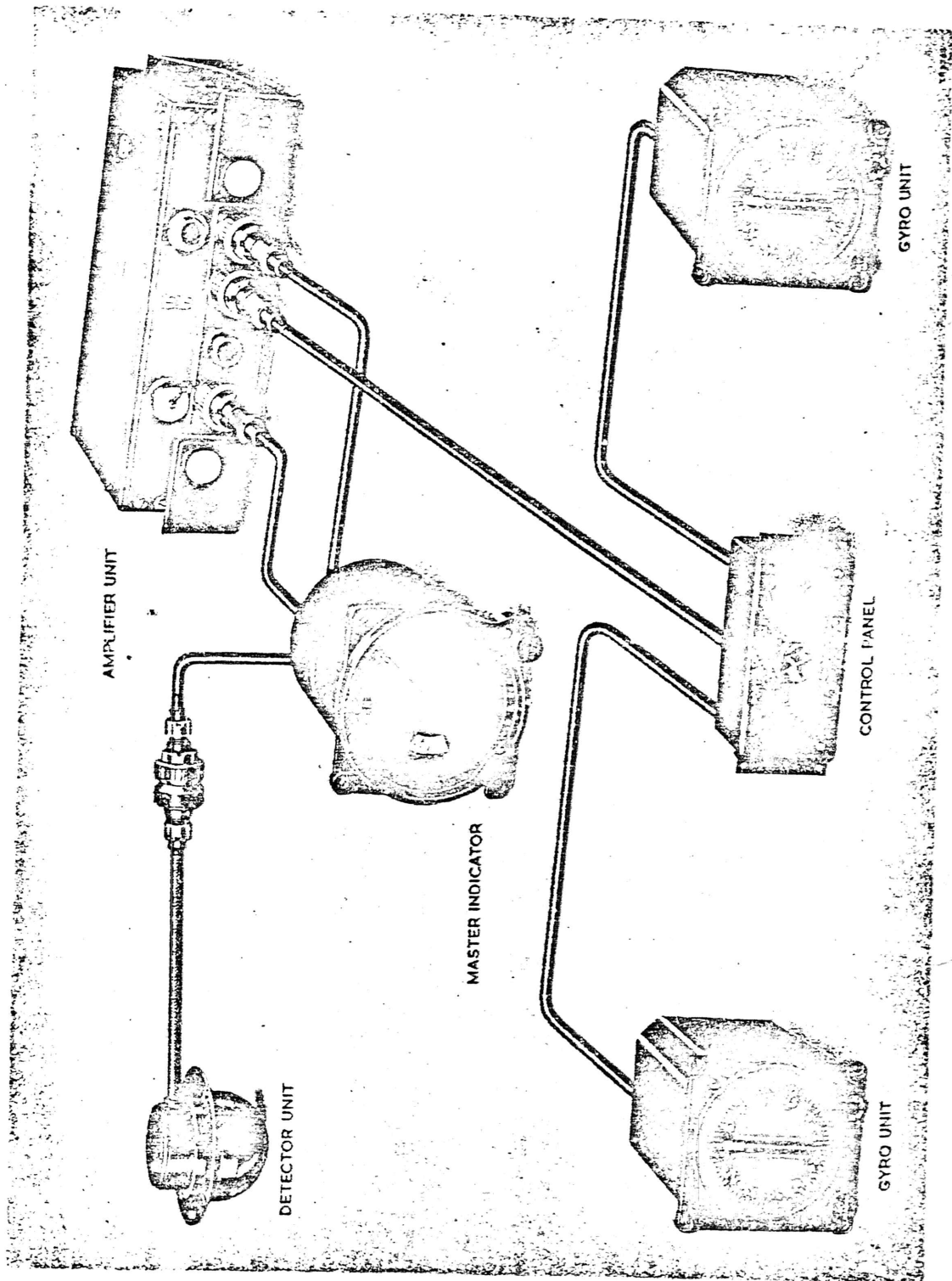
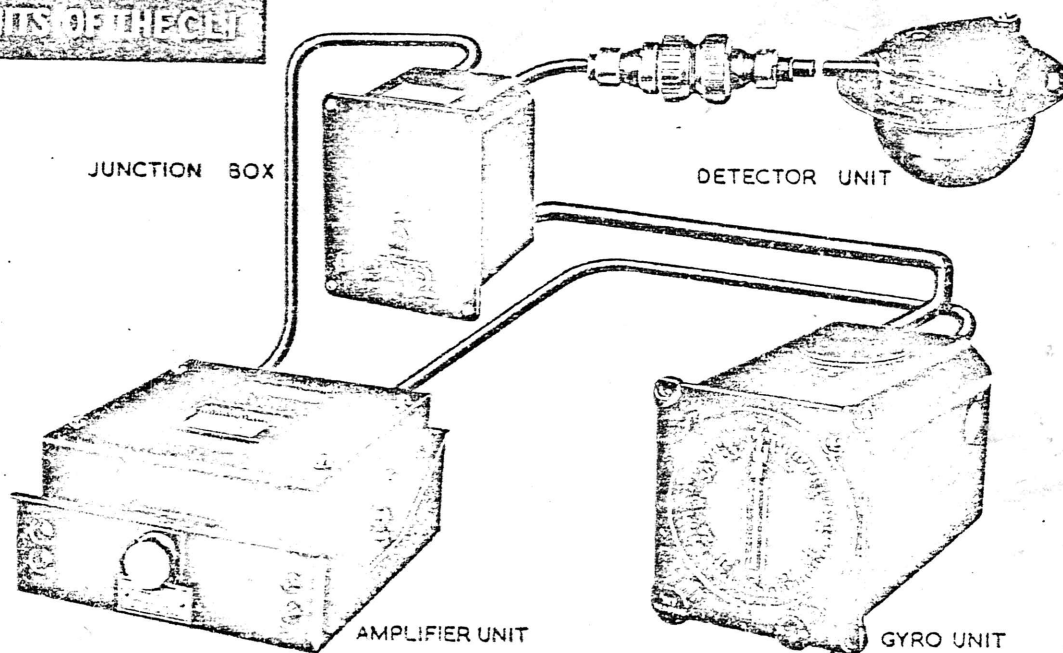


Fig. 1. Units of the Gyrosyn Compass Type C.L.a

SPERRY

UNITS OF THE C.L.I



UNITS OF THE C.L.IA

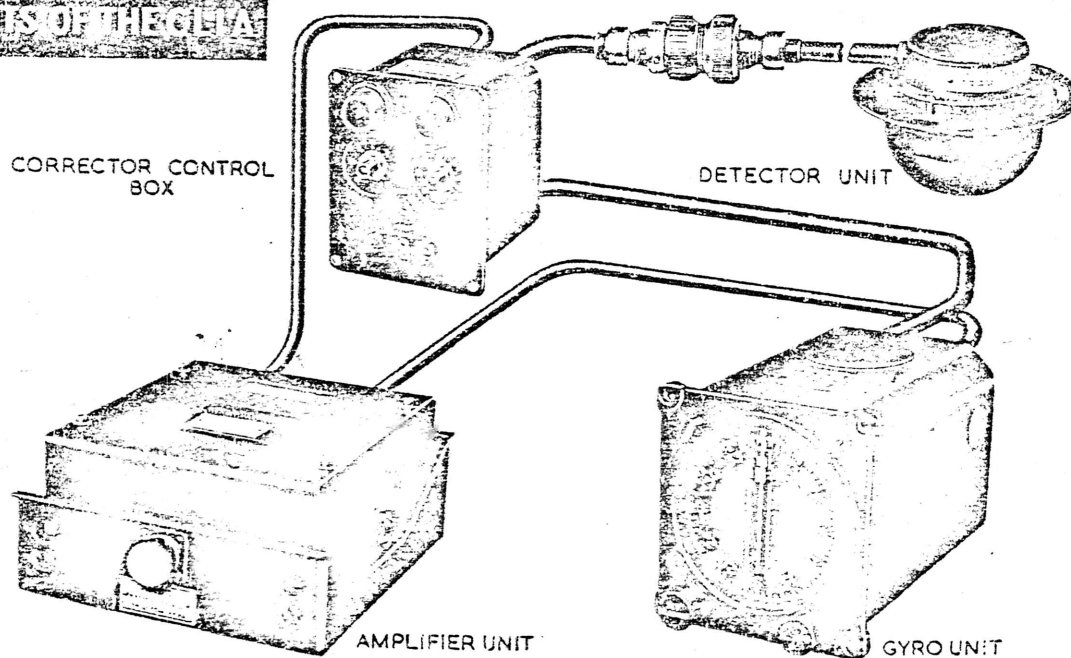


Fig. 1 Units of the C.L.I and C.L.IA Gyrosyn Compass

-0358

GYRO UNIT (STBD)
PART N° 16526-0

WIRING AS
PORT GYRO UNIT

TO STEP-BY-STEP
REPEATERS

TO
CONTROL PANEL

DETECTOR UNIT
PART N° 15614-0

CORRECTOR
COILS

TERMINAL
BLOCK

GYRO UNIT (PORT)
PART N° 16526-0

PRECESSION
MOTOR

TORQUE MOTOR

LEVELLING SWITCH

GYRO STATOR

DG SOLENOID

MR7

MR8

* DETERMINED ON TEST
R39-62~82~110~150~
R40-82~110~150~

GREEN

MASTER INDICATOR
PART N° 16687-0

STEP-BY-STEP
TRANSMITTER

* DETERMINED ON TEST
+ SLIP RING NEAREST
BEZEL CASTING.

CLUTCH

AUTO-PILOT
PICK-OFF

TACHO MOTOR

OUTPUT

EXCITATION

FIXED

CONTROL

DATA
SYNCHRO

DG INDICATOR

MR10

MR9

LEMON

RED

GREY

CORRECTOR

PRECESSION

R33 250k
LPR2
LPR1
R32 250k
RV35 1k
RV34 1k
R37 300k
R36 300k
SW1
R23 3.9k
R22 3.9k

R4 330k
R3 100k
R6 470k
RV40 1k
C21 0.03mf
C2 0.03mf
C3 0.01mf
R1 470k
R2 470k
C4 0.05mf
R5 470k
R12 110k
MR5
R14 110k
MR6
MR1
R9 2.2k
C10 2mf
TJ1

* DETERMINED ON TEST
FROM
22k OR 33k

LEMON

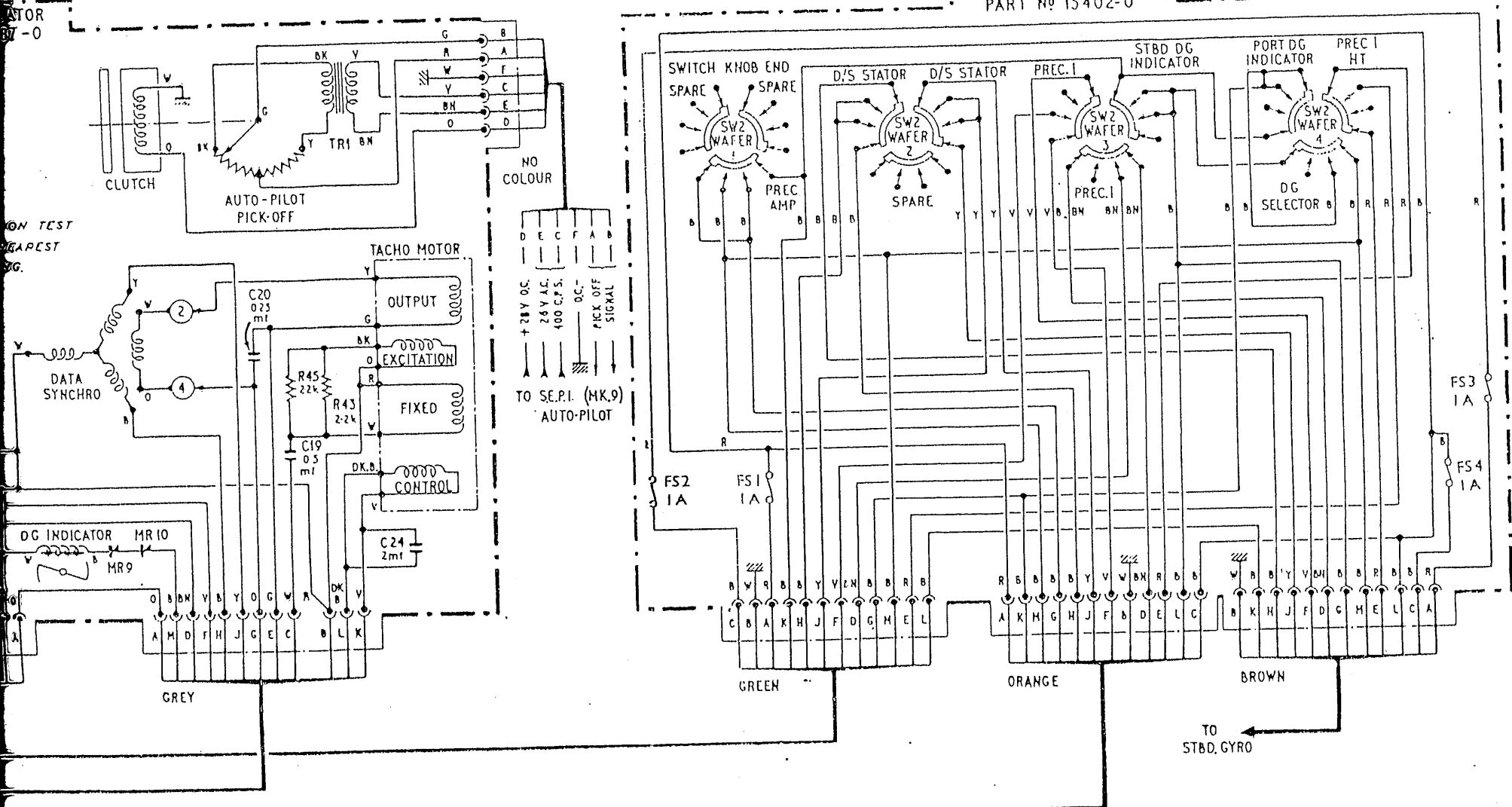
SKY BLUE
SPARE

TEST
VOLTMETER

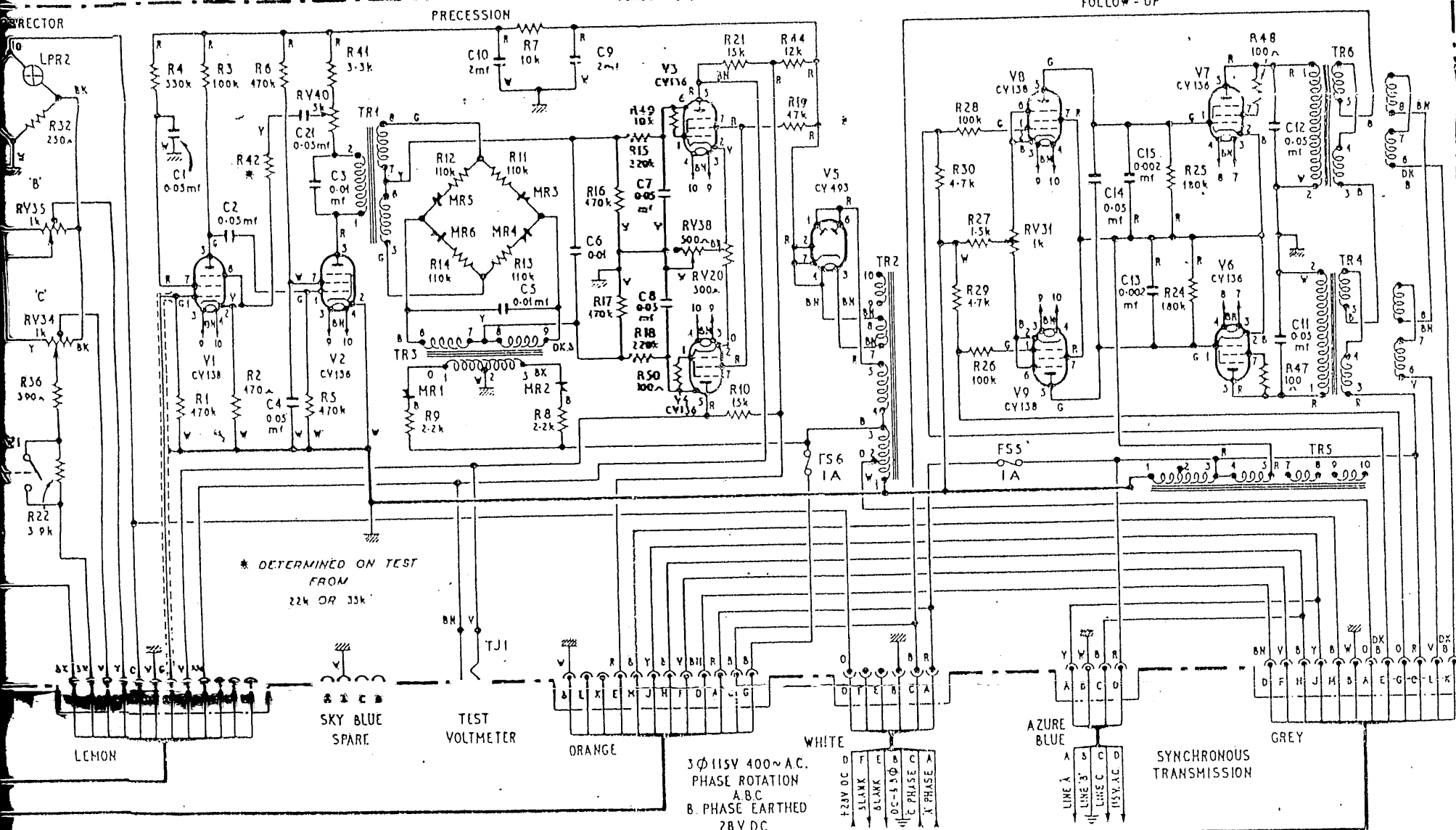
ATOR
07-0

CONTROL PANEL PART N° 15402-0

ON TEST
EAREST
G.



AMPLIFIER PART N° 16527-0

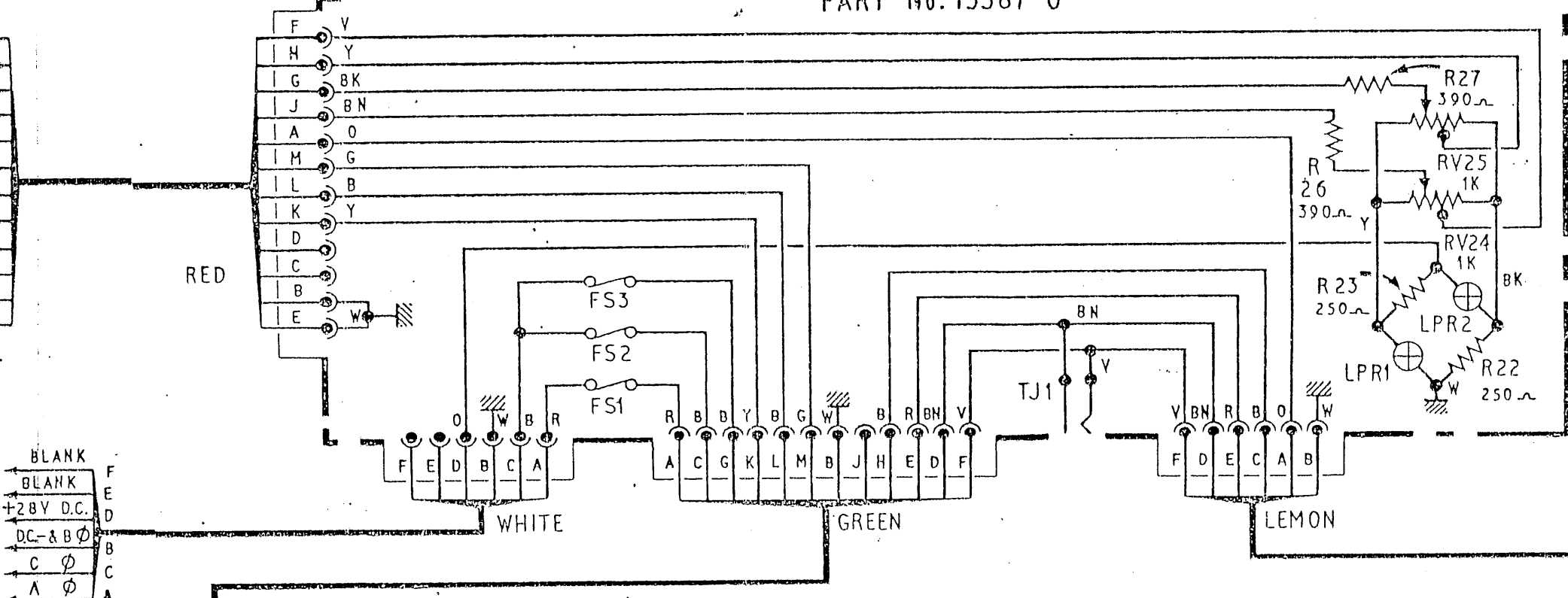


st required with a.c. operated D.G. relays.

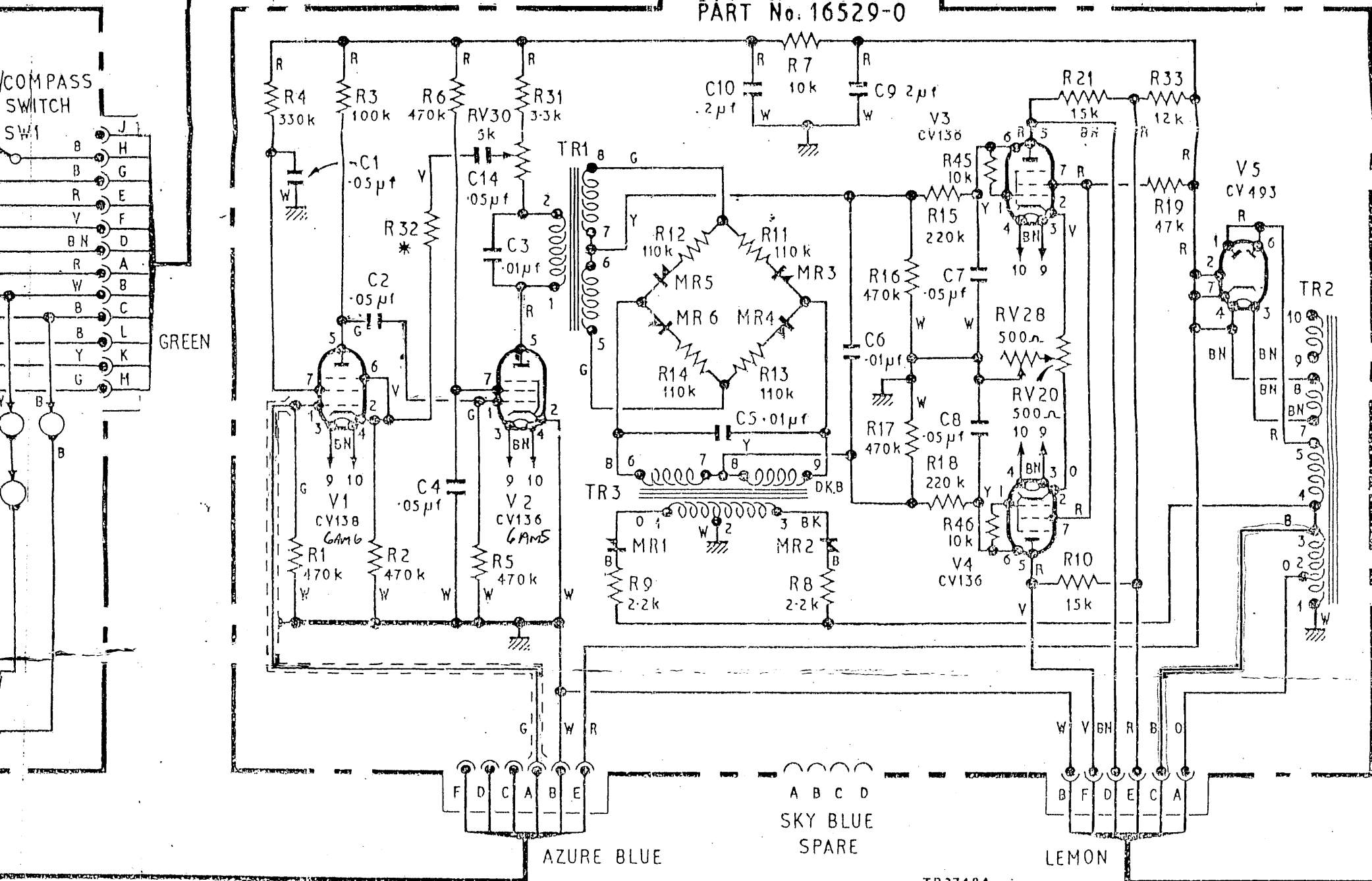
CL2 EQUIPMENT DIAGRAM—MASTER INDICATOR TYPE B

AP 1275B V1 S3 Ch15 Compass Gyro-magnetic Mk 4F SPERRY CIRCUITS OCR.pdf

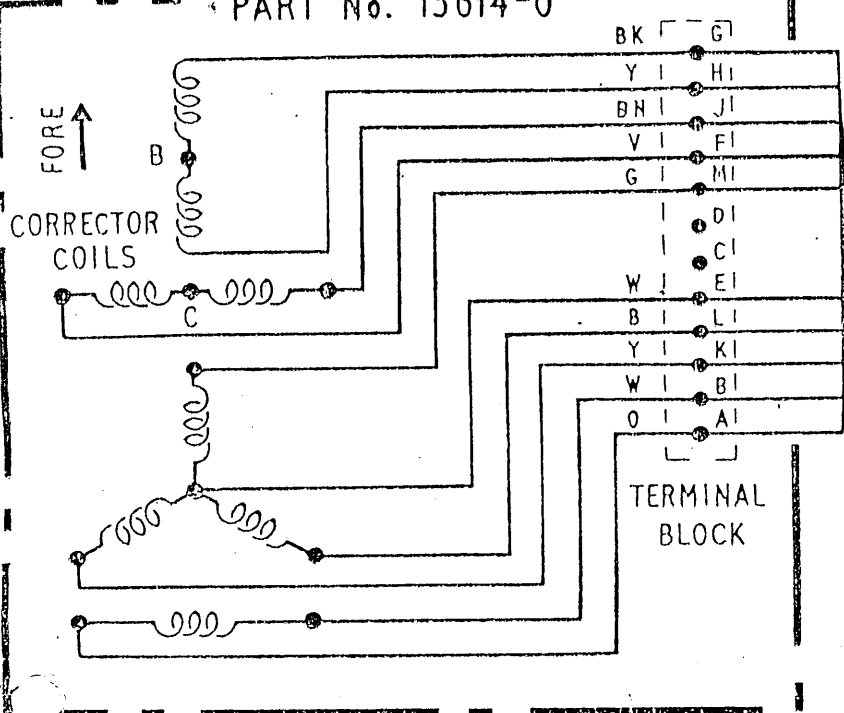
CORRECTOR CONTROL BOX PART No. 15387-0



AMPLIFIER TYPE B PART No. 16529-0



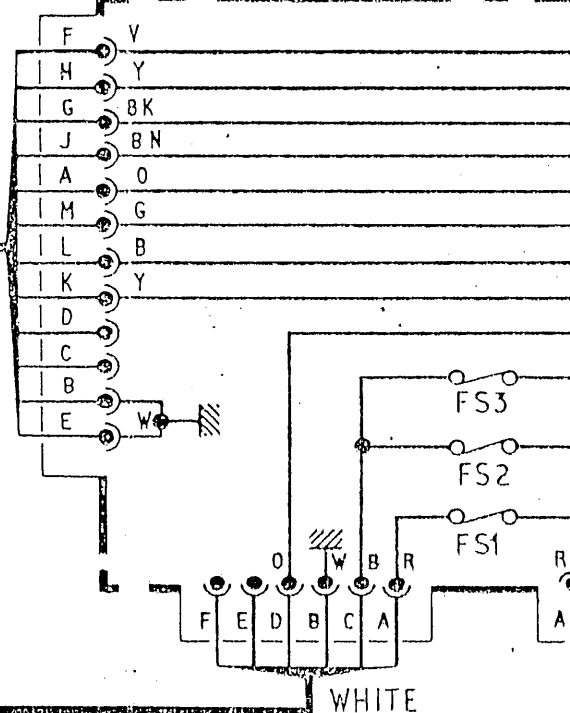
DETECTOR UNIT PART No. 15614-0



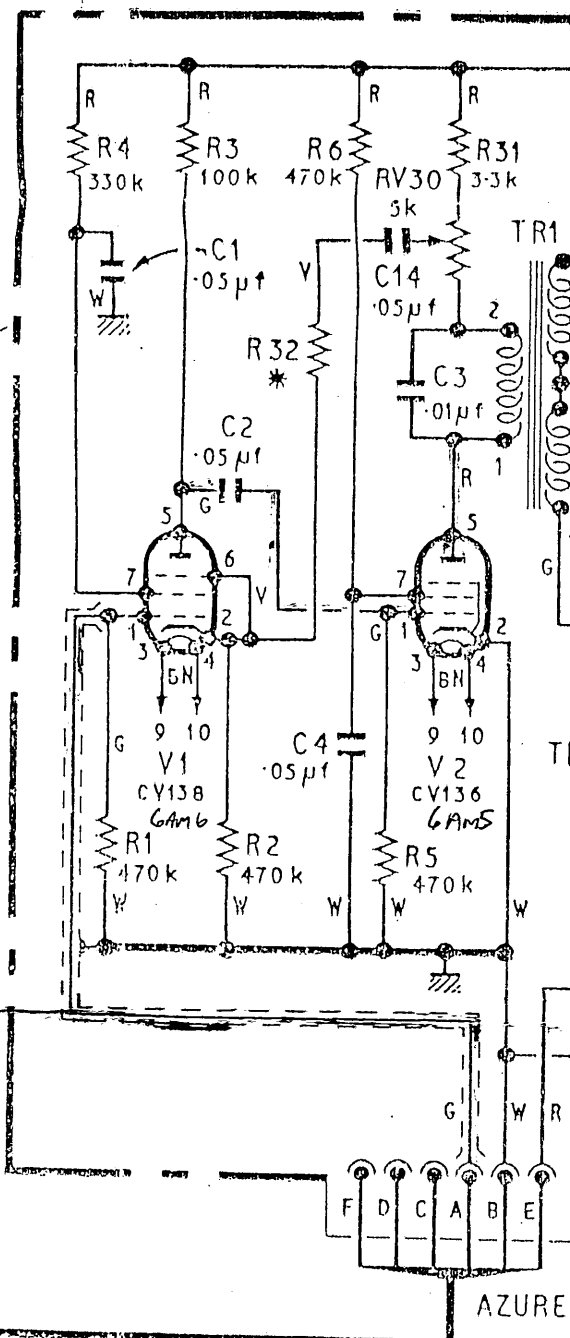
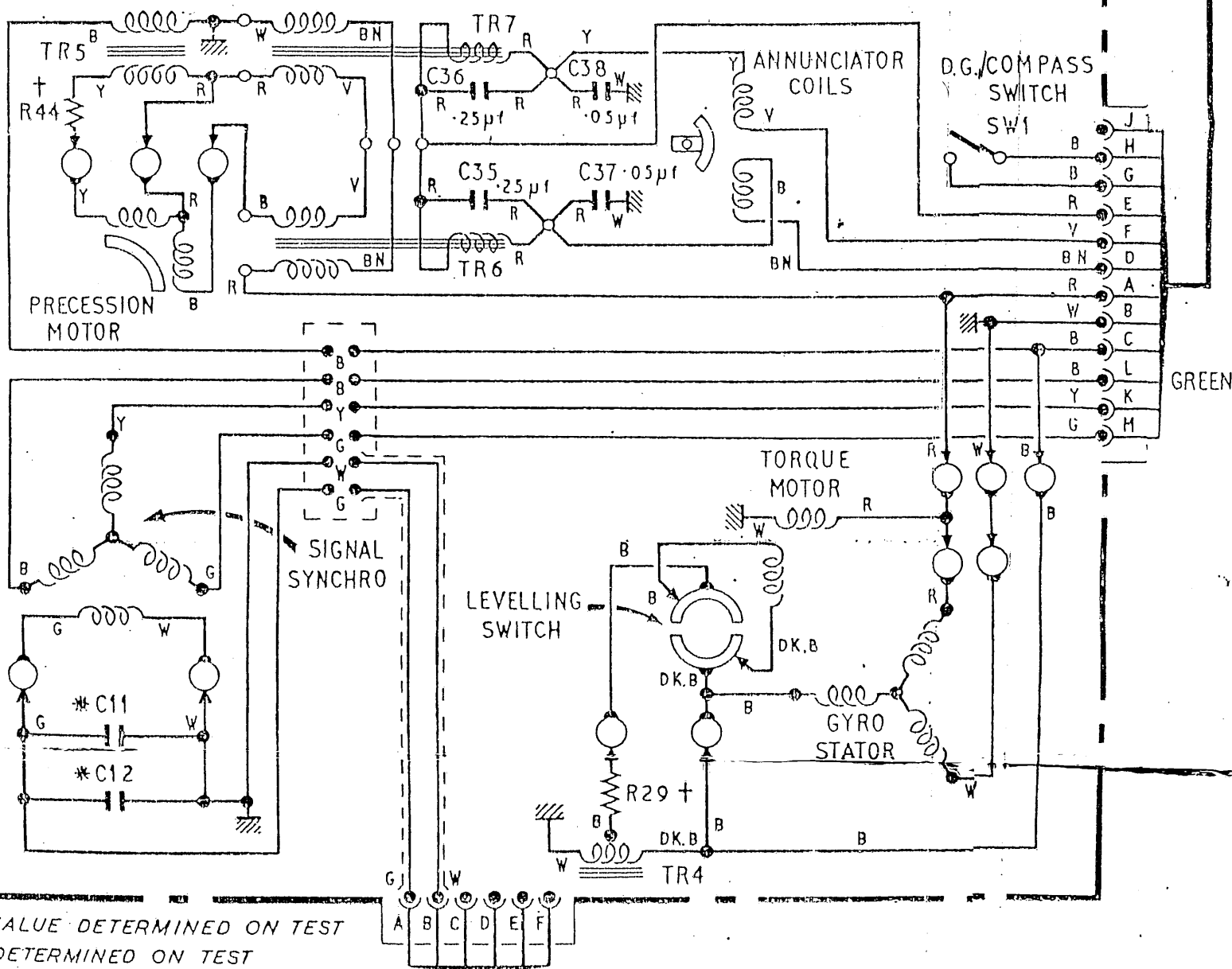
3Ø 115V 400 ~ A.C.
PHASE ROTATION
A.B.C.
B Ø EARTHED
28V. D.C.
NOMINAL

BLANK
BLANK
+28V D.C.
DC- & B Ø
C Ø
A Ø

RED



GYRO UNIT TYPE B PART No. 16528-0



* VALUE DETERMINED ON TEST

† DETERMINED ON TEST

R29-62~, 82~, 110~, 150~

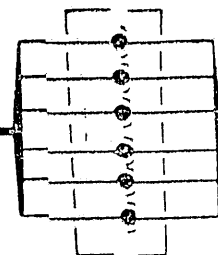
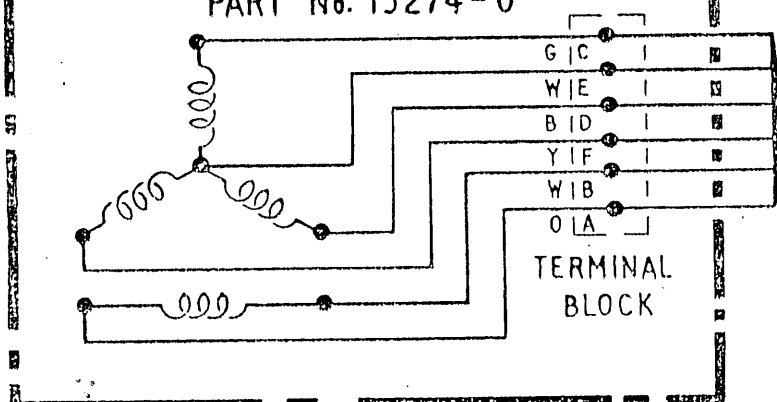
R44-82~, 110~, 150~

R32-22k-33k

AZURE BLUE

AZURE

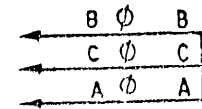
DETECTOR UNIT PART No. 15269-0
WITH BAR MAGNET COMPENSATOR
PART No. 15274-0



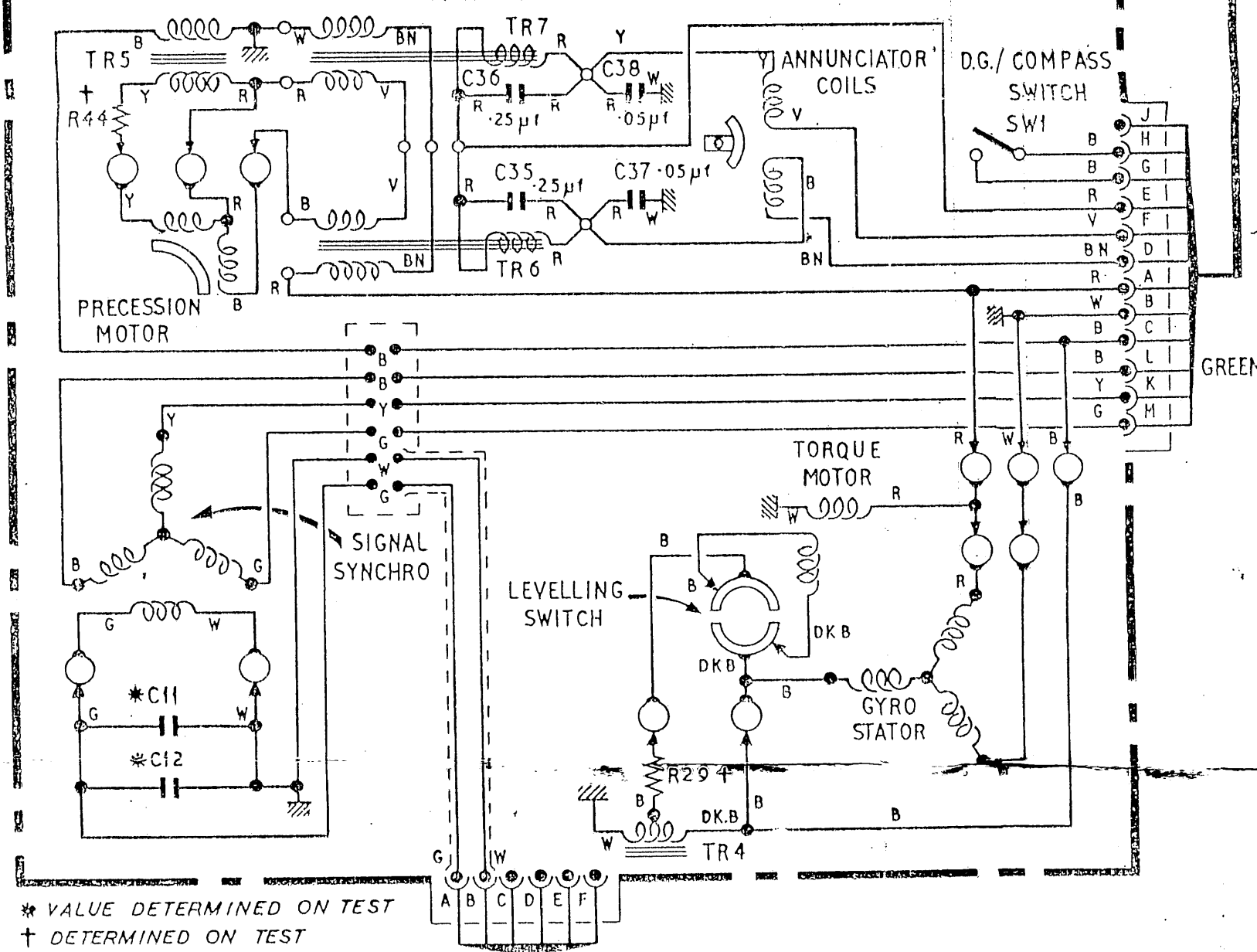
RED

SIGNAL
RED

115V 400 ~ A.C.
PHASE ROTATION
A.B.C.
B Ø EARTHED



GYRO UNIT TYPE B
PART No. 16528-0



* VALUE DETERMINED ON TEST

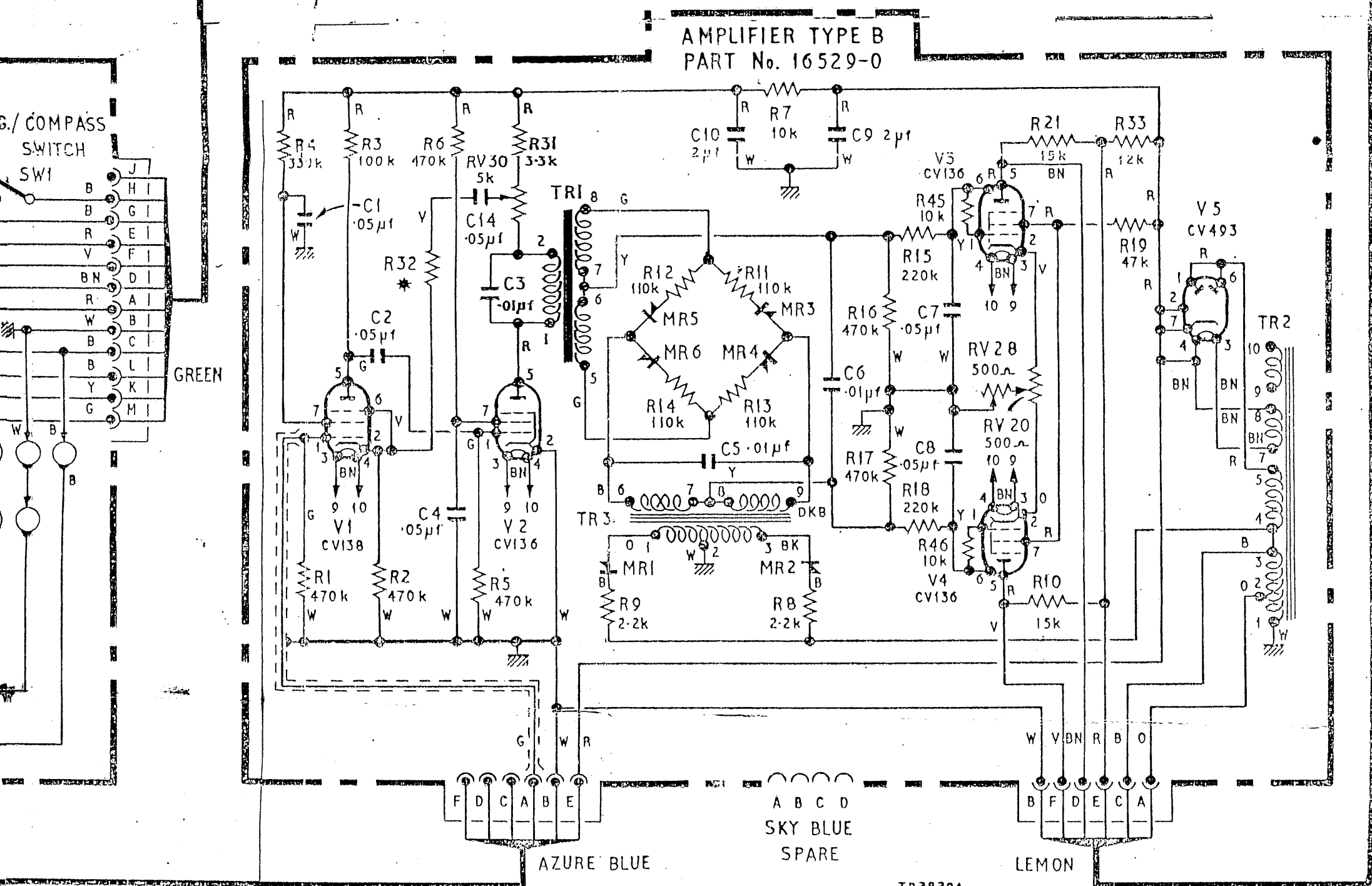
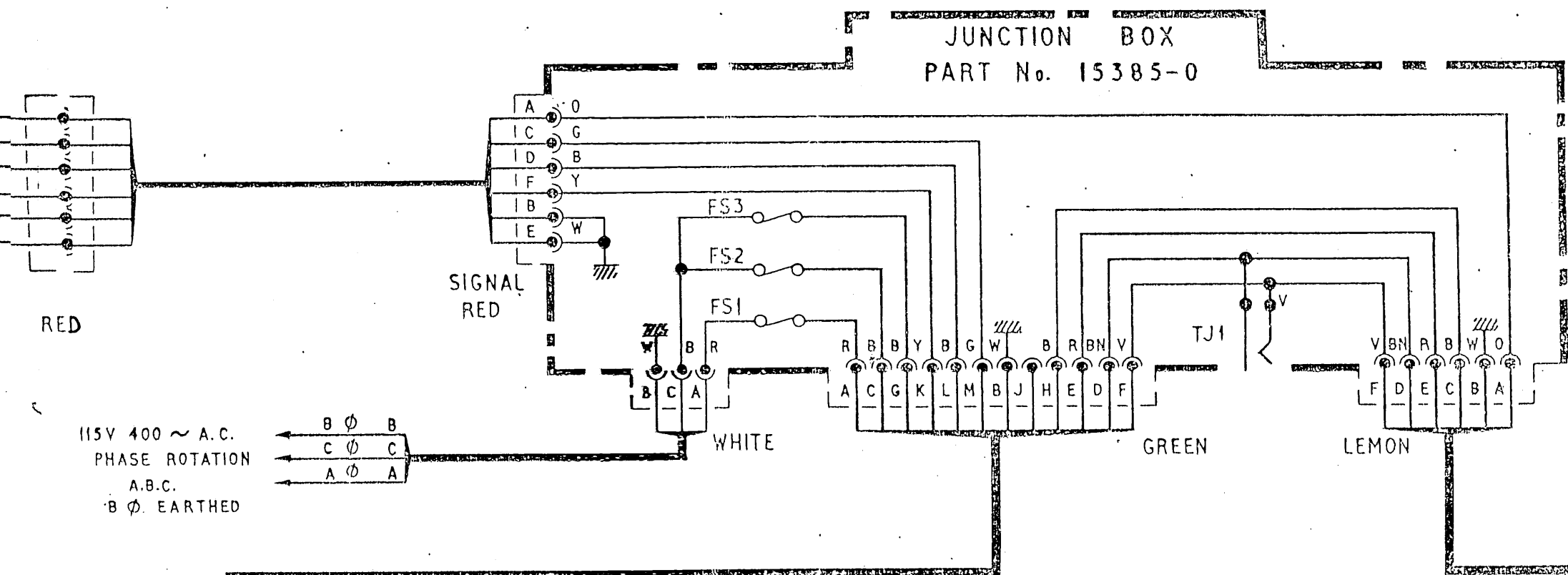
† DETERMINED ON TEST

R29-62Ω, 82Ω, 110Ω, 150Ω

R44-82Ω, 110Ω, 150Ω

R32-22k-33k

AZURE BLUE



EQUIPMENT CIRCUIT DIAGRAM GYROSYN COMPASS TYPE C.L.I.