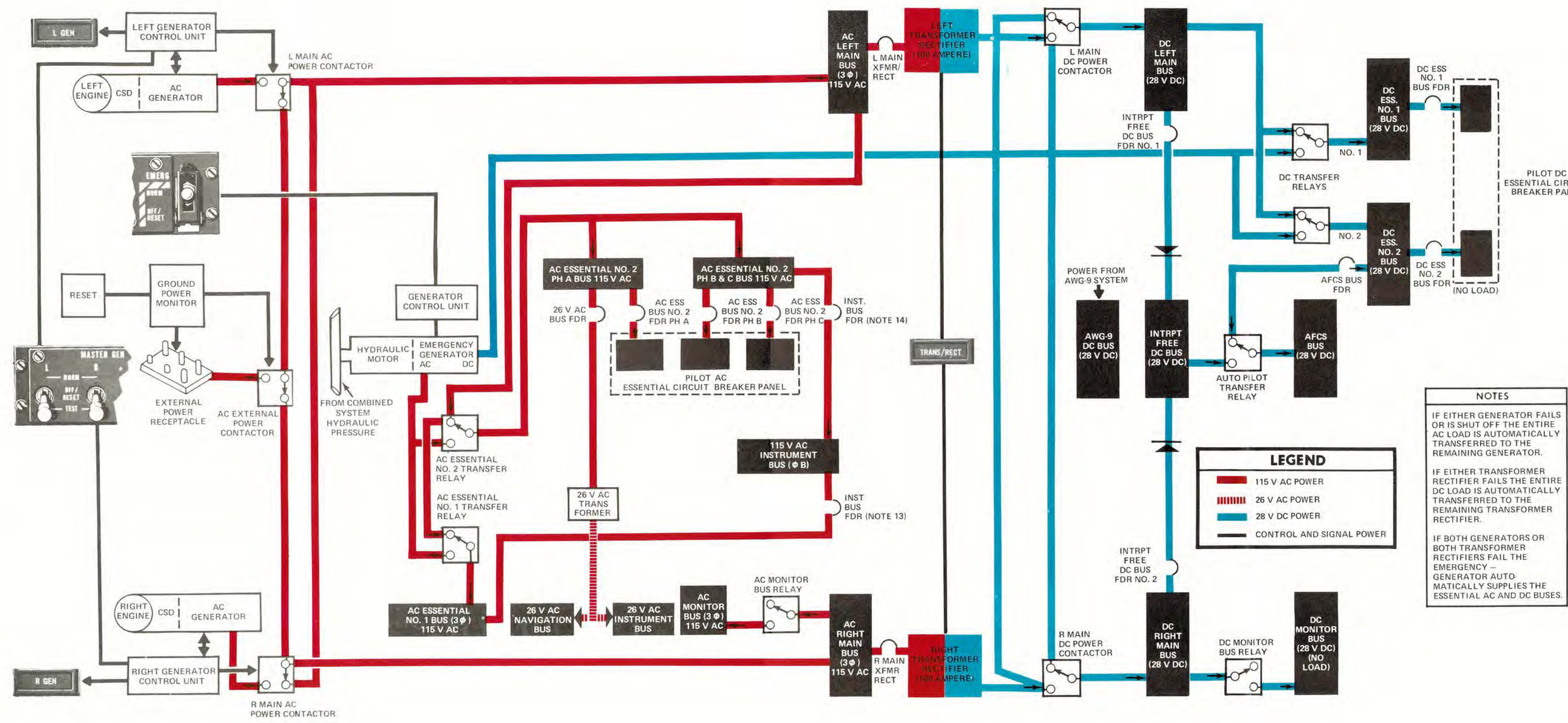




AC ESSENTIAL NO. 1 BUS - 115 V AC
AC ESS NO. 1 CKT BKR PNL (NO. 5)

APX-72 AC - (PH B)
RED FLOOD LT - (PH C)
AWG-15 PH A NO. 1
AWG-15 PH B NO. 1
AWG-15 PH A NO. 2
AWG-15 PH B NO. 2
UHF COMM PH A (NOTE 4)
UHF COMM PH B (NOTE 4)
STBY ATTD IND PH A
STBY ATTD IND PH B
RADAR ALTM - (PH B)
INST BUS FDR (NOTE 13)

AC ESSENTIAL NO. 2 BUS - 115 V AC
PILOT AC ESS CKT BKR PNL (LEFT)

ROLL CMPTR AC - (PHA)
PITCH CMPTR AC - (PH A)
R AICS - (PH A)
L AICS - (PH C)
AUTO PITCH DRIVE TRIM - (PH A)
FLT CONTR AUTH AC - (PH C)
MACH TRIM AC - (PH C)
L FUEL CONTR/MACH LVR - (PH C)
R FUEL CONTR/MACH LVR - (PH B)
ICE DET - (PH C)
GLOVE VANE CONTR - (PH C)
WING SWEEP DRIVE NO. 1 - (PH C)
WG SWP DR NO. 2/MANUV FLAP - (PH C)
YAW SAS A PWR SUP - (PH A)
YAW SAS B PWR SUP - (PH A)
YAW SAS M PWR SUP - (PH A)
CHAN 1 CADDC PH A
CHAN 1 CADDC PH B
CHAN 1 CADDC PH C
CHAN 2 CADDC - (PH B)
AC ESS NO. 2 PH A CKT BKR PNL (NO. 3)

26 VAC BUS FDR - (PH A)
AC ESS BUS NO. 2 FDR PH A
RUDDER TRIM PH A
L PH A TEST/P-ROLL TRIM
AN/ARA-50 - (PH A)
TACAN ARN-84 - (PH A)
HUD PH A
AHRIS PH A
CSDC PH A
VDI PH A
ILS ARA-63 PH A

ILS ARA-63 PH B
ILS ARA-63 PH C
L PH B TEST/P-ROLL TRIM
L PH C TEST/P-ROLL TRIM
RUDDER TRIM PH B
RUDDER TRIM PH C
HUD PH B
HUD PH C
AHRIS PH B
AHRIS PH C
CSDC PH B

ALPHA HTR (PH C) (NOTE 6)
MSL AUX PH A
MSL AUX PH B
CONTR/DISPLAY PH A
CONTR/DISPLAY PH B
CONTR/DISPLAY PH C
ANT SVO HYD PH A
ANT SVO HYD PH B
STA 1/8 AIM-7 PH A
STA 1/8 AIM-7 PH B
STA 1/8 AIM-7 PH C
SEMI REG PWR SUP PH A
SEMI REG PWR SUP PH B
SEMI REG PWR SUP PH C
STA 3/6 AIM-7/AIM-54 PUMP PH A
STA 3/6 AIM-7/AIM-54 PUMP PH B
STA 3/6 AIM-7/AIM-54 PUMP PH C

26 V AC ENGINE INSTRUMENT BUS
AC ESS NO. 2 PH B & C CKT BKR PNL (NO. 4)

L ENG OIL PRESS/NOZ IND - (PH A)
R ENG OIL PRESS/NOZ IND - (PH A)

26 V AC NAVIGATION BUS
AC ESS NO. 2 PH B & C CKT BKR PNL (NO. 4)

AS/ARA-48 ANT - (PH A)
TACAN/BDHI INST PWR (PH A)
INS SYNC/ACM PNL LT - (PH A)

115 V AC INSTRUMENT BUS
AC ESS NO. 2 PH A CKT BKR PNL (NO. 3)

A/S IND/BARO ALTM AC - (PH B) (NOTE 4)
BARO ALTM AC (PH B) (NOTE 5)
FLT HYD PRESS IND - (PH B)
COMB HYD PRESS IND - (PH B)
ANGLE OF ATTK IND AC - (PH B)
WING POS IND AC - (PH B)
L ENG N₂ TACH - (PH B)
R ENG N₂ TACH - (PH B)
L TIT IND - (PH B)
R TIT IND - (PH B)
OXY QTY IND - (PH B)
FUEL QTY IND AC - (PH B)
TAIL/RUDDER/FLAP IND (PH B)
ENG FUEL FLOW/L IND OVP - (PH B)
R ENG FUEL FLOW IND - (PH B)

AC LEFT MAIN BUS - 115 V AC
AC LEFT MAIN CKT BKR PNL (NO. 1)

NAV IMU PH A
NAV IMU PH B
NAV IMU PH C
NAV PWR SUP PH A
NAV PWR SUP PH B
NAV PWR SUP PH C
IR/TV PH A
IR/TV PH B
IR/TV PH C
SOL PWR SUP PH A
SOL PWR SUP PH B
SOL PWR SUP PH C

MSL AUX PH A
MSL AUX PH B
CONTR/DISPLAY PH A
CONTR/DISPLAY PH B
CONTR/DISPLAY PH C
ANT SVO HYD PH A
ANT SVO HYD PH B
STA 1/8 AIM-7 PH A
STA 1/8 AIM-7 PH B
STA 1/8 AIM-7 PH C
SEMI REG PWR SUP PH A
SEMI REG PWR SUP PH B
SEMI REG PWR SUP PH C
STA 3/6 AIM-7/AIM-54 PUMP PH A
STA 3/6 AIM-7/AIM-54 PUMP PH B
STA 3/6 AIM-7/AIM-54 PUMP PH C

AC RIGHT MAIN BUS-115 V AC
AC RIGHT MAIN CKT BKR PNL (NO. 2)

FLT HYD BACKUP PH A
FLT HYD BACKUP PH B
FLT HYD BACKUP PH C
OUTBD SPOILER PUMP PH A
OUTBD SPOILER PUMP PH B
OUTBD SPOILER PUMP PH C
R MAIN XFMR RECT
ALQ-100 PH A
ALQ-100 PH B
ALQ-100 PH C
AN/AWG-9 PUMP PH A
AN/AWG-9 PUMP PH B
AN/AWG-9 PUMP PH C
R PH A TEST/GAS TEMP LIM
R PH B TEST/GAS TEMP LIM
R PH C TEST/GAS TEMP LIM
STA 1A AIM-9 PWR PH B
STA 1B AIM-9 PWR PH C
STA 8A AIM-9 PWR PH B
STA 8B AIM-9 PWR PH C
TAXI/FORM LT - (PH A)
GUN CONTR PWR AC - (PH B)

WHITE FLOOD LT - (PH B)
LIQUID COOLING CONTR AC - (PH C)
ANTI COLL/SUPP POS/POS LTS - (PH A)
ACM LT/SEAT ADJ/STEADY POS LT - (PH B)
L AICS HTR - (PH B)
R AICS HTR - (PH C)
INST LT - (PH B)
PILOT CONSOLE LT - (PH A)
NFO CONSOLE LT - (PH A)

DC ESSENTIAL NO. 1 BUS - 28 V DC
DC ESS NO. 1 CKT BKR PNL (NO. 6)

L AICS RAMP STOW
R AICS RAMP STOW
AWG-15 DC
ALT LOW WARN
DC ESS NO. 1 FDR MASTER ARM
ARC-159 NO. 1
EMERG FLT HYD AUTO
EMERG FLT HYD MAN
STA 1 REL PWR A
STA 1 REL PWR B
L FIRE EXT (NOTE 10)
R FIRE EXT (NOTE 10)
ECM DESTR
STA 2, 3 & 4 REL PWR A
STA 2, 3 & 4 REL PWR B
ACM PNL PWR
STA 1 AIM-9 REL PWR
STA 8 AIM-9 REL PWR
ARC-159 NO. 2
STA 5, 6 & 7 REL PWR A
STA 5, 6 & 7 REL PWR B
STA 8 REL PWR A
STA 8 REL PWR B

DC ESSENTIAL NO. 2 BUS - 28 V DC
PILOT DC ESS CKT BKR PNL (RIGHT)

ENG/PROBE/ANTI-ICE
FLT CONTR AUTH DC
FLAP/SLAT CONTR SHUT-OFF
MACH TRIM DC
AIR SOURCE CONTR
NOSE WHEEL STEER/AFCS
SPD BK P-ROLL TRIM ENABLE
FUEL P/MOTIVE FLOW ISOL V
ENG START
FUEL FEED/DUMP

FUEL MGT PNL
ENG ANTI-ICE VALVES

DC ESS NO. 2 CKT BKR PNL (NO. 7)

NLG STRUT LCH BAR ADVSY
DC ESS NO. 2 BUS FDR
CABIN PRESS
AFCS BUS FDR
UHF NO. 2 (NOTE 9)
ALPHA COMP/PEDAL
SHAKER (NOTE 6)
ILS ARA-63DC
CAN LAD CAUTION/EJECT CMD IND
RAIN RPL ANTI-ICE CONTR/HK CONTR
ANN PANEL PWR
JULIET 28
AN/ARA-50/ARA-69 (NOTE 12)
AN/ARA-50 (NOTE 11)
CSDC
ECS TEMP CONTR DC
FUEL QTY IND DC
OVSP CAUTION R OIL HOT
ENG OIL COOL
TACAN/BDHI
APN 154
HYD PRESS IND
HYD VALVE CONTR
FUEL TRANS ORIDE
ANGLE OF ATTK IND DC
EMERG GEN TEST/L AICS
LKUP PWR
ANTI SKID R AICS
LKUP PWR
HYD PUMP SPOILER CONTR
FUEL VENT VALVE
STARTER CONTR VALVE (NOTE 8)
FUEL LOW CAUTION
OXY/BINGO CAUTION
L GEN CAUTION
R GEN CAUTION
TR ADVSY/PLT ANN PNL
AUX PWR
BLEED AIR/L OIL HOT
FUEL PRESS ADVSY
EXT L CONTR
INBD SPOILER CONTR
MACH LEVER SHIFT
L DC TEST/RUDDER TRIM
WHEELS POS IND
MLG HANDLE RLY NO. 1
MLG HANDLE RLY NO. 2
AUX FLAP/FLAP CONTR
WING POS IND DC
L FIRE DET/LT (NOTE 13, 15)
R FIRE DET/LT (NOTE 13, 15)

DC LEFT MAIN BUS - 28 V DC
INTRPT FREE DC BUS FDR NO. 1
EMERG GEN CONTR
GYRO PWR
MOTOR FIRE B
MOTOR FIRE A
APX-72 TEST SET
MECH FUZING STA 5/6
MECH FUZING STA 3/4
ELEC COOLING
MASTER TEST
AN/AWG 4
AMCS ENABLE
ANT LOCK EXCIT
R AIM-7 BATT ARM
L AIM-7 BATT ARM
DDI DC
ASW-27
GND PWR/COOLING INTERLK
AN/ALR-50 (NOTE 1)
AN/APR 27 (NOTE 2)
IFFA/ADA

DC RIGHT MAIN BUS - 28 V DC
DC MAIN CKT BKR PNL (NO. 8)

STA 8 AIM-9 COOL PWR
STA 8B AIM-9 PWR
STA 8A AIM-9 PWR
STA 1 AIM-9 COOL PWR
STA 1B AIM-9 PWR
STA 1A AIM-9 PWR
DYHR UNIT
R DC TEST/ACM BIT
COUNTING
MONITOR BUS CONTR
GND TEST/MACH LV BIT
MID CPRSN BYPASS PWR
DDI/ANN PNL DIM CONTR
GUN ARMED POWER
OUTBD SPOILER CONTR
INTRPT FREE DC BUSS FDR NO. 2
WSHLD DEFOG CONTR
GUN CLR/GUN CONTR PWR DC
LIQUID COOLING CONTR DC
ALE 39 SEQ 1 & 2 SQUIBS (NOTE 1)
ALE 29 SEQ 1 & 2 SQUIBS (NOTE 2)
ALE 39 CHAFF/FLARE DISP (NOTE 1)
ALE 29 CHAFF/FLARE DISP (NOTE 2)

AFCS BUS - 28 V DC
DC ESS NO. 2 CKT BKR PNL (NO. 7)

YAW SAS A
YAW SAS B
YAW SAS M
PITCH CMPTR DC
ROLL CMPTR DC

AWG-9 DC BUS 28 V DC
DC MAIN CKT BKR PNL (NO. 8)

MSL AUX SUBSYS
RADAR SUBSYS NO. 2
RADAR SUBSYS NO. 1
AIM-54 MSL
CONTR/DISPL SUBSYS
IR SUBSYS

NOTES

- AIRCRAFT BUNO 158978 AND SUBSEQUENT
- AIRCRAFT BUNO 158620 THROUGH 158637
- AIRCRAFT BUNO 159825 AND SUBSEQUENT AND AIRCRAFT INCORPORATING AFC 365.
- AIRCRAFT BUNO 158620 THROUGH 159636.
- AIRCRAFT BUNO 159637 AND SUBSEQUENT.
- AIRCRAFT BUNO 159825 AND SUBSEQUENT AND AIRCRAFT INCORPORATING AFC 400.
- AIRCRAFT BUNO 159430 AND SUBSEQUENT AND AIRCRAFT INCORPORATING AVC 1585.
- AIRCRAFT INCORPORATING AFC 181.
- AIRCRAFT BUNO 158620 THROUGH 159468 IN INCORPORATING AFC 338 BUT NOT INCORPORATING AFC 363.
- AIRCRAFT INCORPORATING AFC 529.
- AIRCRAFT BUNO 159588 AND AIRCRAFT INCORPORATING AFC 363.
- AIRCRAFT BUNO 158620 THROUGH 159468 AND 159589 AND SUBSEQUENT NOT INCORPORATING AFC 363.
- AIRCRAFT BUNO 161270 AND SUBSEQUENT AND AIRCRAFT INCORPORATING AFC 610.
- AIRCRAFT NOT INCORPORATING AFC 610.
- ON AIRCRAFT NOT INCORPORATING AFC 610, LOCATED ON DC ESS NO. 2 BUS.

LEGEND

BUSES INOPERATIVE WITH FAILURE OF LEFT AC GENERATOR AND LEFT MAIN AC POWER CONTACTOR.

BUSES INOPERATIVE WITH FAILURE OF RIGHT AC GENERATOR AND RIGHT MAIN AC POWER CONTACTOR.