

AC LOAD ANALYSIS

AC BUS NO. 1 — BASIC ACFT

EFFECTIVITY	LOAD (VA)
30504 through 30596	74.40
30597 through 30849	35.60
30850 through 31221	42.96
31222 and subsequent (without FDR)	42.96
35048 and subsequent (with FDR)	42.96

INVERTER NO. 1 — BASIC ACFT

EFFECTIVITY	LOAD (VA)
30504 through 30596	150.60
30597 through 30849	214.40
30850 through 31221	42.96
31222 and subsequent (without FDR)	43.00
35048 and subsequent (with FDR)	43.00

AC BUS NO. 2 — BASIC ACFT

EFFECTIVITY	LOAD (VA)
30504 through 30596	77.00
30597 through 30849	105.10
30850 through 31221	101.20
31222 and subsequent (without FDR)	101.20
35048 and subsequent (with FDR)	117.56

INVERTER NO. 2 — BASIC ACFT

EFFECTIVITY	LOAD (VA)
30504 through 30596	150.60
30597 through 30849	144.90
30850 through 31221	101.20
31222 and subsequent (without FDR)	101.00
35048 and subsequent (with FDR)	117.56

AC BUS NO. 3 — BASIC ACFT

EFFECTIVITY	LOAD (VA)
30504 through 30596	
30597 through 30849	
30850 through 31221	5.10
31222 and subsequent (without FDR)	5.10
35048 and subsequent (with FDR)	5.10

AC BUS NO. 1 FAA — IFR

EFFECTIVITY	LOAD (VA)
30504 through 30596	
30597 through 30849	198.10
30850 through 31221	163.45
31222 and subsequent (without FDR)	163.77
35048 and subsequent (with FDR)	163.77

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Figure 98-6. AC load analysis chart (Sheet 1 of 3)

AC LOAD ANALYSIS**AC BUS NO. 2 FAA — IFR**

EFFECTIVITY	LOAD (VA)
30504 through 30596	
30597 through 30849	105.10
30850 through 31221	6.89
31222 and subsequent (without FDR)	6.89
35048 and subsequent (with FDR)	6.89

AC BUS NO. 1 — AUX KIT

EFFECTIVITY	LOAD (VA)
30504 through 30596	93.20
30597 through 30849	
30850 through 31221	
31222 and subsequent (without FDR)	
35048 and subsequent (with FDR)	

INVERTER NO. 1 FAA — IFR

EFFECTIVITY	LOAD (VA)
30504 through 30596	
30597 through 30849	51.90
30850 through 31221	204.53
31222 and subsequent (without FDR)	205.00
35048 and subsequent (with FDR)	205.00

AC BUS NO. 2 — AUX KIT

EFFECTIVITY	LOAD (VA)
30504 through 30596	
30597 through 30849	
30850 through 31221	0.00
31222 and subsequent (without FDR)	0.00
35048 and subsequent (with FDR)	0.00

INVERTER NO. 2 FAA — IFR

EFFECTIVITY	LOAD (VA)
30504 through 30596	
30597 through 30849	144.90
30850 through 31221	108.07
31222 and subsequent (without FDR)	108.00
35048 and subsequent (with FDR)	124.40

INVERTER NO. 1 — IFR + KIT

EFFECTIVITY	LOAD (VA)
30504 through 30596	169.70
	(KIT ONLY)
30597 through 30849	144.90
30850 through 31221	
31222 and subsequent (without FDR)	
35048 and subsequent (with FDR)	

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Figure 98-6. AC load analysis chart (Sheet 2)

AC LOAD ANALYSIS

INVERTER NO. 2 IFR + KIT

EFFECTIVITY	LOAD (VA)
30504 through 30596	169.70
	(KIT ONLY)
30597 through 30849	144.90
30850 through 31221	108.07
31222 and subsequent (without FDR)	108.00
35048 and subsequent (with FDR)	124.40

AC BUS NO. 2 – CUSTOM

EFFECTIVITY	LOAD (VA)
30504 through 30596	
30597 through 30849	
30850 through 31221	35.00
31222 and subsequent (without FDR)	35.00
35048 and subsequent (with FDR)	35.00

AC BUS NO. 1 – CUSTOM

EFFECTIVITY	LOAD (VA)
30504 through 30596	
30597 through 30849	
30850 through 31221	6.00
31222 and subsequent (without FDR)	3.00
35048 and subsequent (with FDR)	3.00

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Figure 98-6. AC load analysis chart (Sheet 3)