ATTACHMENT 2

Generator Control Unit Acceptance Test Data Sheets

Left Engine, Serial Number 645

CG201A-1 ACCEPTANCE TEST DATA SHEET
PER ATP CG201A-1 REV E

DATE TESTED 8/10/07 INSPECTED BY [redacted]

SERIAL NUMBER 645 MOD: F

SECTION	TEST		DATA	
8.1	Visual Inspection		RR	Initial
9.1	Voltage Regulation	Frequency	1374	1000 Hz to 1429 Hz
		Potentiometer Full CW	30.5	30.00 VDC Min.
		Potentiometer Full CWW	25.7	26.0 VDC Max.
9.2	Equalizer	M1=0.00 ± .02	28.50	M_2 = 28.50±0.02
		M1=0.25± 0.01	25.7	M_2 = 26.0 Max.
		M1 =0.25±0.01	31.3	M_2 = 31.0 Min.
9.3	Line Contactor		0.18	0.18 ± 0.01 VDC
	Over Voltage		32.50	32.50 ± .02 VDC
9.4	Current Limit		-2.47	-2.47 ± .02 VDC
9.5	Field Weakening		2.06	2.06 ± .05 VDC
	Start Terminate		3298	3297 ± 70Hz
	Open Field		RR	Initial
9.6	Ground Fault		RR	Initial
9.7	Anti-Cycling		RR	Initial
9.8	Build up Ground Fault		-0.82	-0.80 ± 0.02 VDC

S/N 645 MOD LTR F **RETURNED UNITS**

TEST	LIMITS	ORIGINAL DATA	EVAL TEST	-65 F	-65 F	+158 F	+158 F	AMB
Date	——		3/18/14					
Output volts	——		28.50					
Field freq	1000-1429		1399					
Equalizer	+/- .02		28.49					
	26 max		25.7					
	31 min		31.3					
Line Contactor	.18 +/-.01		0.18					
Over voltage	32.5 +/-.02		32.47					
Ground fault	√		✓					
Anti-Cycling	√		✓					
Current Limit	-2.47 +/-.02		-2.46					
Remote Trip	√		✓					
Start from Trip	√		✓					
Field Weakening	2.06 +/-.05		2.07					
Start Terminate	3297 nom. 3227-3367		3410					
Open Field	√		✓					
Buildup G.F.	-.80 +/- .02		-.282					
Actual time	——	——	——					——
Time required	——	——	——	.5 hr min	3 hr min	.5 hr min	3 hr min	——

Right Engine, Serial Number 643

CG201A-1 ACCEPTANCE TEST DATA SHEET
PER ATP CG201A-1 REV E

DATE TESTED 8/10/07 INSPECTED BY [redacted]

SERIAL NUMBER 643 MOD: F

SECTION	TEST		DATA	
8.1	Visual Inspection		RR	Initial
9.1	Voltage Regulation	Frequency	1362	1000 Hz to 1429 Hz
		Potentiometer Full CW	30.4	30.00 VDC Min.
		Potentiometer Full CWW	25.7	26.0 VDC Max.
9.2	Equalizer	M1=0.00 ± .02	28.50	M_2 = 28.50±0.02
		M1=0.25± 0.01	25.8	M_2 = 26.0 Max.
		M1 =0.25±0.01	31.3	M_2 = 31.0 Min.
9.3	Line Contactor		0.18	0.18 ± 0.01 VDC
	Over Voltage		32.50	32.50 ± .02 VDC
9.4	Current Limit		-2.47	-2.47 ± .02 VDC
9.5	Field Weakening		2.06	2.06 ± .05 VDC
	Start Terminate		3297	3297 ± 70Hz
	Open Field		RR	Initial
9.6	Ground Fault		RR	Initial
9.7	Anti-Cycling		RR	Initial
9.8	Build up Ground Fault		-0.78	-0.80 ± 0.02 VDC

S/N 643 MOD LTR F **RETURNED UNITS**

TEST	LIMITS	ORIGINAL DATA	EVAL TEST	-65 F	-65 F	+158 F	+158 F	AMB
Date	——		3/18/14					
Output volts	——		28.52					
Field freq	1000-1429		1383					
Equalizer	+/- .02		28.52					
	26 max		25.8					
	31 min		31.4					
Line Contactor	.18 +/-.01		0.18					
Over voltage	32.5 +/-.02		32.55					
Ground fault	√		✓					
Anti-Cycling	√		✓					
Current Limit	-2.47 +/-.02		-2.46					
Remote Trip	√		✓					
Start from Trip	√		✓					
Field Weakening	2.06 +/-.05		2.06					
Start Terminate	3297 nom. 3227-3367		3400					
Open Field	√		✓					
Buildup G.F.	-.80 +/- .02		-0.78					
Actual time	——	——	——					——
Time required	——	——	——	.5 hr min	3 hr min	.5 hr min	3 hr min	——