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AR SERIES ORGAN  
EARMARK FOR  
#11087, NORTHWOOD PRESBYTERIAN CHURCH, DORAVILLE, GEORGIA  
SPECIFICATIONS FOR A SERIES 70-9B ORGAN

2/13  
GENERAL

(1) ORGAN

Great Organ	Exposed, no enclosure
Swell Organ	Standard Design
	Layout will be supplied
Wood & Finish	Rift Sawn Oak M-4150-2
Fabric	Mellotone
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
Wood & Finish	Rift Sawn Oak M-4150-2
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER (located in blower space)

Type	2-P-2116 - 1/2 HP - 1750 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specification	1 Ph - 60 Cy - 115 Volts - 7.2 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

(4) POWER UNIT (located <sup>in console</sup> ~~blower organ~~)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 115 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon.....	97 pipes
2	8	Principal.....	73 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Gemshorn.....from #12.....	61 notes
5	4	Octave.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Flute.....from #1.....	61 notes
8	III-IV	Mixture.....	183 pipes
9	II	Sesquialtera TC.....	98 pipes
10		Chimes...Mayland tubes & electric action, relay, transformer & volume control A-#22 to F-#22.....	21 tubes



SWELL ORGAN (Enclosed)

11	8	Rohrflöte.....	73	pipes
12	8	Gemshorn.....	80	pipes
13	8	Gemshorn Celeste TC.....	49	pipes
14	4	Spitzprincipal.....	73	pipes
15	4	Rohrflöte.....from #11.....	61	notes
16	2	Spitzoctave.....from #14.....	61	notes
17	1-1/3	Larigot.....from #12...repeat 12 top notes.....	61	notes
18	16	Contre Trompette.....	80	pipes
19	8	Trompette.....from #18.....	61	notes
20	4	Clairon.....from #18...repeat 5 top notes.....	61	notes
21		Tremolo		

PEDAL ORGAN

22	16	<del>Subbass</del> <i>Bourdon</i> .....from #1.....	32	notes
23	8	<del>Octav</del> <i>Principal</i> .....from #2.....	32	notes
24	8	Gedeckt.....from #1.....	32	notes
25	8	Gemshorn.....from #12.....	32	notes
26	4	Octave.....from #2.....	32	notes
27	4	Rohrflöte.....from #11.....	32	notes
28	111	Mixture.....from #8.....	32	notes
29	16	Contre Trompette...from #18.....	32	notes
30	8	Trompette.....from #18.....	32	notes
31	4	Clairon.....from #18.....	32	notes

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)  
 Balanced Crescendo Pedal with Indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (red jewel)  
 Concave, radiating pedal clavier  
 Organ bench with music shelf ~~and backrest~~  
 Music rack light



PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	97	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Taper Bass TC up Reg. Artiste Treble			Wood ) Wood ) Wood & SM)	3-1/2"
Principal	8	73	48	18-1/2	1/4	17 Zinc SM)	3-1/2"
Mixture	III	183	See Formula Below				3-1/2"
Sesquialtera TC	II	98	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	Sm. O.S. Chimneys) (19-62) 18 Zinc S.M. )	3-1/2"
Gemshorn	8	80	CC 54 C 66-1/3 #56 102-2/3	17-1/2 17-1/2 18-1/2	2/9	17 Zinc S.M.	3-1/2"
Gemshorn Celeste TC	8	49	56-1/3	17-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	5 Zinc S.M.	3-1/2"
Contre Trompette	16	80	2-1/2"	CCC to FF half length FF# up full length D(F) Eschallots		Zinc & S.M.	3-1/2"

GREAT III-IV MIXTURE FORMULA

	15	12	12	12	12
	19	15	15	15	
	22	19	19		
		22			
	1-32	33-46	47-51	52-57	58-61
Unison	48 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	

GREAT II SESQUIALTERA TC FORMULA

	12	12		
	17	15		
	13-56	57-61		
2-2/3	68-3/4	18-1/2	2/9 mouth	S.M.
2	74	18-1/2	2/9 mouth	S.M.
1-3/5	75-2/3	18-1/2	1/5 mouth	S.M.