

SNAPSHOT[©] "The Form"

Lot #:	Subdivision:	Address:	Date and time:
Model: Turnberry	The Greens - Augusta Plains	7519 Sands Terrace Lane	6/16/05 2:45 PM

INITIALIZATION

Square feet	3659 sq. ft.
Surface area (all outside surfaces, including foundation)	11390 sq. ft.
Volume	56520 cu. ft.
Windspeed (approximate mph)	~ 0 mph
Outside temperature (estimated)	94 ° F
Check that all registers and bedroom doors are open.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Static pressure, Supply and Return (Cooling)	S + 18.6 Pa / R - 135 Pa
Static pressure, Supply and Return (Heating)	S + 14.7 Pa / R - 99.3 Pa
Static pressure, Supply and Return (Fan)	S + 12.1 Pa / R - 85.2 Pa
Is there a ventilation system?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Type of ventilation system	Supply Only with Dehum.
If there is a fan cyclor, enter the off / on times.	Aprilaire Dehum. 1700
Enter outside air duct pressure (Cooling, Heating, Fan)	C -56.0, H -40.5, F -31.9 pa
Type of outside air duct (flex/sheet metal; diameter)	6" insulated flex
Is there an adjustable outside air damper?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is there a fireplace or wood stove?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
AHU and Duct location	Unvented Attic

PRESSURE TESTING

Stack Pressure (baseline with blower door installed; covers on)	+1.2 pa
Pressure In Each Closed Room	MBR 4.5 pa Bed 3 1.8 pa
	Bed 2 1.4 pa Laundry 0.0 pa

BLOWER DOOR TESTING (BDT)

Blower Door Location and Test Goal	Front (Goal = 2850 CFM 50)
Test Results	CFM50=935 LR=0.08 C=67.1 n=0.674 R ² =0.99947

DUCT AIRTIGHTNESS TESTING (DAT)

DAT CFM25 <u>TOTAL</u>	276 CFM 25
DAT CFM25 <u>OUTSIDE</u>	32 CFM 25

AIR HANDLER FLOW MEASUREMENT (TRUEFLOW located at Aircleaner)

DG700 Reading	NSOP=-96.9 Pa	TFSOP=-91.3 Pa	Cooling Flow = 1195 CFM
DG700 Reading	NSOP=-58.9 Pa	TFSOP=-47.2 Pa	Heating Flow = 930 CFM
DG700 Reading	NSOP=-56.9 Pa	TFSOP=-49.2 Pa	Fan Flow = 927 CFM

MECHANICALS

Furnace or air handler	Make: Carrier Weather Maker 9200	Model: MXA
Air Conditioning	Make: Carrier 14 SEER	Model: 38TSA042330
Domestic hot water	Make: Rinnai	Model: Continuum 2532

