

Fairfield County Airport Authority Board Meeting
3430 Old Columbus Rd NW
Carroll Ohio 43112
Minutes for February 9, 2015 Meeting

Meeting to order

Glenn Burns called the meeting to order at 6:00 p.m. with the Pledge of Allegiance. Board Members present at this meeting were Glenn Burns, Jon Kochis, Dave Roebuck, and Michael Kaper. Absent were Bill McNeer, Bill Fagan, and Lonnie Rush. Also in attendance were Lonnie Watts, Pat Rooney, Tom Palmer, Pat Ferguson, Eric Meister, Patrick Sullivan, and Staci Knisley.

Opportunity for the Public to Address the Board

No members of the public addressed the board.

Approval of minutes for the January 12, 2015 Meeting

On motion of Michael Kaper and second of Jon Kochis, the Fairfield County Airport Authority Board voted to approve the minutes for the January 12, 2015 meeting.

Voting aye thereon: Burns, Kochis, and Kaper. Roebuck abstained.

Motion passed.

Review Committees

Dr. Burns stated that the committees will be reviewed at the next meeting.

Historical Aircraft Squadron update

Mr. Eric Meister, President of the Historical Aircraft Squadron (HAS) presented two proposals from BigAss Fans for installation of ceiling fans in the HAS hangar. The proposals include the installation except the electric up to the fan. They will take care of the electric up to the fan. The proposals are \$24,258.96 and \$19,848.05.

Dr. Burns stated that the Commissioners' own the hangar, the fans and any other improvement will stay with the hangar. The heating will be more efficient if the request is approved.

Mr. Meister stated that the heat and air will circulate and make the hangar more tolerable. The \$24,258.96 proposal has lights installed on it. The \$19,848.05 proposal will be sufficient.

Mr. Watts reported that he has worked with BigAss Fans. They are very reputable company.

Approval to purchase and have 2 fans installed in the HAS Hangar, costs not to exceed \$19,848.05 with BigAss Fans

On motion of Dave Roebuck and second of Jon Kochis, the Fairfield County Airport Authority Board voted to approve the purchase and installation of 2 fans in the HAS hangar, costs are not to exceed \$19,848.05 with BigAss Fans.

Voting aye thereon: Roebuck, Kochis, Burns, and Kaper.

Motion passed.

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(HAS update continued)

Mr. Pat Ferguson presented a summary of work performed in 2014 that HAS has provided for the Airport. (See attached to minutes) It would cost \$90-\$100 per hour for outside services such as repairs to the fuel truck, snow blower, and mowers. HAS has averaged out at \$10 per hour for their services excluding the mowing. It is estimated that the county saved almost \$14,000 by using HAS.

Dr. Burns stated that the Board appreciates HAS' work.

Airport Manager Update

Mr. Rooney reported that the light project outside the terminal is completed. The new lights are LED bulbs on motion detectors. Lonnie Watts replaced the conduits and wire on roof. There are 2 new lights in front and 2 new lights on playground.

Mr. Rooney reported that Sundowner Aviation is going to have a bombing competition in April or May. There will be a price to join. We are trying to talk to someone at the FAA before proceeding. We do not need their approval because it is an aeronautical activity. People will be inside the fence near playground. \$35-40 entry fee for those who do not have a license, we will fly them.

Dr. Burns stated that this is a good way to promote the Airport.

Approval of permission to allow Sundowner Aviation to have a bombing competition at the Airport

On motion Michael Kaper and second of David Roebuck, the Fairfield County Airport Authority Board voted to approve the permission to allow Sundowner Aviation to have a bombing competition at the Airport.

Voting aye thereon: Kaper, Roebuck, Burns, and Kochis.

Motion passed.

Pilots Association update

Mr. Watts announced that Patrick Sullivan is the new President for the Pilot's Association. Mr. Watts is the Vice President. We will have a lot of events for pilots and the community.

Mr. Sullivan stated that he had formally been the Vice President. He invites the Board to attend the meetings. The meetings are on the 4th Tuesday at 7:30 p.m. every month. Their meetings consist of safety videos, discussions, and medical presentations. We are hopeful to have events once or twice a month in the future. He will be attending the Airport Board meetings and report back to the Pilot's Association. They will be emailing newsletters and will post on the Terminal bulletin board. There about 30 active members and still is growing.

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Standing Committee Updates

• **Airport Improvement**

Dr. Burns reported that Greg Heaton with Crawford Murphy Tilly, Inc. (CMT) is absent tonight. He asked that the Board review his report submitted. (See attached to minutes)

Dr. Burns talked to Mr. Heaton today. Mr. Heaton is still working with FAA on the Dolson Court area request for the EMA storage facility. Nothing has changed since he last talked with Mr. Kochis. Mr. Heaton is talking with Alex Erskine on a daily basis.

Mr. Kochis reported that one of the Commissioners stated that he would make phone calls to our state representatives to speed the process up if necessary.

• **Community Relations – Michael Kaper**

Mr. Kaper stated that there is nothing new to report.

Mr. Rooney reported that someone on Coonpath calls regarding night flights frequently. Mr. Rooney also reported that they had a call today about the planes flying Flute Formation. He's called back, but no response.

• **Facilities and Grounds – Lonnie Rush (absent)**

○ **Hawker Jet disposition/Abandoned Aircraft**

Dr. Burns reported that he talked with Mr. Rush. We are expecting payment soon and the aircraft will be picked up soon.

• **Finance - Glenn Burns**

○ **Review of Financial Reports**

Ms. Knisley asked the Board to review the following reports and asked if the Board had questions.

- a. 2015 Income & Expenses (All funds)
- b. 2015 Budget Projection (Operating fund only)
- c. 2014 Detail Expense (Operating fund only)
- d. Smart Card balances (in-house fuel purchases)

Mr. Kaper reported that County Treasurer's Note with the Airport ended up at .5%. The Airport Board is on their 8th renewal. We are allowed 20 renewals. For the future if we want to lock in, we will have to convert over to a bond.

Ms. Knisley reported that when the hangars were originally built, there was a waiting list. The Airport Board does not have enough income to support the payments of a long term bond.

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Dr. Burns reported that there was a waiting list of 10-15 people. We will keep renewing as a note in the near future.

Approval of Payment of bills

On motion of Jon Kochis and second of Michael Kaper, the Fairfield County Airport Authority Board voted to approve the payment of bills. (See below)

Vendor	Amount	Description
Sundowner Aviation	\$325.32	\$10. per gallon (3,253.23 gallons) for January fuel sold
Sundowner Aviation	\$1,096.50	10% of hangar rent collected in Janaury (\$10,965)
Total	\$1,421.82	

Voting aye thereon: Kochis, Kaper, Burns, and Roebuck. Motion passed.

- **Security/Other – Bill McNeer (absent)**

Mr. Kochis reported that the United States Army/Civil Affairs Unit will be out some time to visit the Airport.

Mr. Sullivan reported that they came out over the weekend asking about traffic and security.

Mr. Kochis stated that they will be back for a whole week. Emergency Management Agency will escort them out to the facility.

Dr. Burns asked that Mr. Kochis talk with Mr. McNeer about the upcoming visit.

- **Tenant Relations – Glenn Burns**

Ms. Knisley reported that there are a few renters late. She will contact them for payment.

- **Fixed Based Operator (FBO) Liaison – Dave Roebuck**

Mr. Roebuck reported that he had nothing further to report.

Old Business

- a. P-Ville Enterprises, Inc., lease agreement for farming expired 12/31/14

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Mr. Kaper reported that he talked to David Miller with P-Ville Enterprises, Inc. He is interested and wants to renew the lease. Ms. Knisley reported that she will contact Assistant Prosecutor Jason Dolin regarding the renewal.

b. EMA Request for KLHQ Property to build Storage Facility
CMT drafted site plan for new location, FAA recommendations

Mr. Kochis reported that the bid specifications are almost completed. These are based on recommendations from Greg Heaton.

c. Hangar K replacement – project on hold

Ms. Knisley reminded the Board that they need to update the Board of Commissioners soon on what the status is. The money borrowed was solely for the replacement of Hangar K.

Dr. Burns stated that they will discuss next month with a fuller attendance of the Board.

d. Terminal Renovations

Mr. Rooney reported that both restrooms need updated and ADA compliant. The parking lot needs updated to ADA compliance. The third thing is possibly having an outside entrance to have 24 hour bathroom service.

Dr. Burns will talk to Mr. Heaton further about the project scope.

New Business

Dr. Burns reported that there was no new business to discuss.

Informational

a. Artifact donation by the Board of Commissioners

Ms. Knisley reported that the County Commissioners donated the item to the Ohio Historical Society.

b. Quarterly Newsletter from Phillips 66

c. FAA FY2010 grant closeout letter

Calendar of Upcoming Events/Other

- a. March/April - conference call with FAA/ADO
- b. April 21-22 OAA Annual Conference
- c. October - establish 2016 Hangar Rents
- d. November - coordinate HAS/Commissioners lease contract (exp 12/31/15)
- e. December - submit revised ACIP

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Adjournment

On motion of Michael Kaper, the Fairfield County Airport Authority Board voted to adjourn at 6:48 p.m.

Next meeting is scheduled for Monday, March 9, 2015 at 6:00 p.m.

Meeting minutes for the February 9, 2015 meeting were approved on April 13, 2015.

Aye
Glenn Burns

Aye
Bill Fagan

Aye
Lonnie Rush

Aye
Jon Kochis 2nd

Aye
Michael Kaper 1st

Aye
William McNeer

Absent
David Roebuck

Staci A. Knisley
Staci A. Knisley, Airport Clerk



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00149845

Quote Information

Quote Number 00149845

Created Date 2/4/2015

Expiration Date 4/4/2015

Bill To Name Historical Aircraft Squadron
Bill To: 3266 OLD COLUMBUS RD NW
CARROLL, OH 43112-9723
US

Ship To Name Historical Aircraft Squadron
Ship To: 3266 OLD COLUMBUS RD NW
CARROLL, OH 43112-9723
US

SFDC ID 10299170

General Information

Created By David Steele
E-mail david.steele@bigasssolutions.com
Phone (859) 629-7717
Fax 859-233-0139

Contact Name Jon Car
Contact Phone 614-899-9690

Comments

Comments

Product	Description	Qty	Total Price
Basic 6 - 12ft, 200-250 Volt/1 Phase - Small Mounting Bracket, 2ft Extension Tube	- Z-Purlin Assembly Kit, clear zinc - Basic 6 Shipping & Handling (\$300.00)	2	\$9,670.00
Basic 6	- Level 2 Install, Powerfoil 8/Powerfoil 8 Plus/Basic 6/PFX/PF, without lift, 1-2 fans	2	\$4,088.00

Subtotal: \$18,593.00
~~Tax: \$1,255.05~~
 Grand Total: \$19,848.05

COMPANY INFO

PRODUCT LINE (S)

PROPOSAL

TERMS/CONDITIONS/
WARRANTIES

SPECIFICATIONS

SCOPE OF WORK



BIG ASS[®]

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00149845

COMPANY INFO

PRODUCT LINE (S)

PROPOSAL

TERMS/CONDITIONS/
WARRANTIES

SPECIFICATIONS

SCOPE OF WORK

WARRANTY INFORMATION*

AIRGO[®] AT, AIRGO, PIVOT[™], PIVOT180:

- Hub & Airfoils - Lifetime
- Labor - 1 Year
- Motor, Gearbox, Controller Components - 3 Years

BIG ASS LIGHT:

- Parts - 7 years
- Labor - 1 year

BASIC 6[™]:

- Hub & Airfoils - Lifetime
- Labor - 1 Year
- Motor, Gearbox, Controller Components:
 - 12 Year Limited Warranty
 - 3 Years, 100% Coverage
 - Balance of 12 Year Warranty pro-rated through Year 12

ELEMENT[®], ESSENCE[™], ISIS[®]:

- Hub & Airfoils - Lifetime
- Labor - 1 Year
- Motor, Gearbox, Controller Components:
 - 5 Years w/o Install
 - 10 Years w/ Level 2 or Level 3 Install

HAIKU[™]:

- Motor and Components - Limited Lifetime Warranty
- LED - 1 Year Warranty in U.S.

HAIKU 84:

- Residential - Limited Lifetime
- Commercial/Industrial
 - Motor - 2 years
 - All other components - 1 years

PARTS:

- Motor, Gearbox and Controllers - 90 Day warranty

POWERFOIL X2.0, POWERFOIL X2.0 PLUS:

- Hub & Airfoils - Lifetime
- Labor - 1 Year
- Motor, Gearbox, Controller Components:
 - 7 Years w/o Install
 - 15 Years w/ Level 2 or Level 3 Install

POWERFOIL 8, POWERFOIL 8 PLUS:

- Hub & Airfoils - Lifetime
- Labor - 1 Year
- Motor, Gearbox, Controller Components:
 - 12 Year Limited Warranty
 - 3 Years, 100% Coverage w/o Install
 - 5 Years, 100% Coverage WITH Level 2 or Level 3 Install
 - Balance of 12 Year Warranty In either case pro-rated through Year 12

SWEAT BEE[™]:

- Motor & Electrical Components - 3 Years (Parts)

YELLOW JACKET[™]:

- Hub & Airfoils - Limited Lifetime (Parts)
- Motor & Electrical Components - 3 Years (Parts)
- Workmanship - Limited Lifetime (free from defects in workmanship and/or materials)

*Warranty information provided here applies to new units only. See complete warranty for details.

STANDARD TERMS - NET 30 DAYS UPON APPROVAL

Shipping and Handling is an estimate, Tax excluded from proposals unless requested or provided.

Restocking fee for unopened shipping boxes is 25%; opened boxes will incur a 50% restocking fee. Returns must be received within 90 days. Customer will be responsible for return freight charges.

The Buyer must insure that product specifications are consistent with actual field installation requirements. Big Ass Fans product recommendations are based on product specifications as

transmitted to the company. As such, Big Ass Fans is not responsible for inaccuracies between the communicated product specifications and actual field installation requirements. The Buyer of the specified products assumes responsibility for the cost of returning or exchanging specified product where specified product does not meet field requirements.

Regular working hours are Monday-Friday 7am-5pm, weekends and holidays excluded. All lifts provided for use by the installers are to be OSHA approved.



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STANDARD TERMS - NET 30 DAYS UPON APPROVAL - CONT.

NOT INCLUDED IN STANDARD INSTALLATION PRICING:

- Prevailing wage or union labor rates.
- Fire alarm tie-in at the fire control panel.
- Clean-up or rework of existing electrical infractions.
- Relocation of obstacles including lighting, electrical conduits, gas lines, water lines, sprinkler lines, etc.
- Stamped structural, mechanical or electrical approvals.
- Electrical or fire permits and associated costs, or delays resulting from permitting process.
- Extensive safety or training orientations required before installers can work on site.
- Costs due to customer delays to the installation crew.
- Modification or movement of existing roof insulation.
- Stamped structural approval for any mounting method not shown in the Big Ass Fans installation guide.

CLIENT

Signature

Print Name

Date

BIG ASS FANS

Signature

Print Name

Date

COMPANY INFO

PRODUCT LINE (S)

PROPOSAL

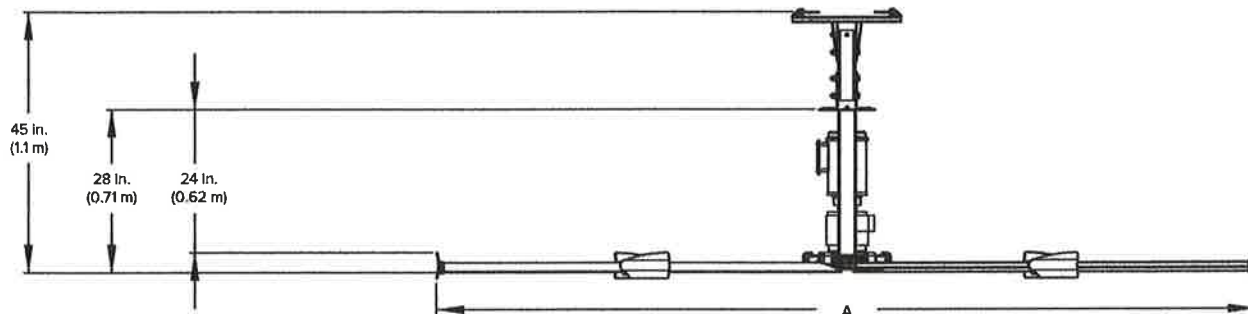
TERMS/CONDITIONS/
WARRANTIES

SPECIFICATIONS

SCOPE OF WORK

Basic 6

TECHNICAL SPECIFICATIONS



Technical Specifications

Model	Basic 6					
Number and type of airfoils	6 patented Powerfoil® airfoils					
Airfoil finish	Mill finish aluminum					
Winglet (standard color)	Powerfoil winglet (safety yellow)					
Fan diameter (A)	12 ft (3.6 m)	14 ft (4.3 m)	16 ft (4.9 m)	18 ft (5.5 m)	20 ft (6.1 m)	24 ft (7.3 m)
Fan weight	166 lb (75 kg)	173 lb (78 kg)	192 lb (87 kg)	200 lb (91 kg)	227 lb (103 kg)	241 lb (109 kg)
Motor	1.0 HP (0.75 kW)	1.0 HP (0.75 kW)	1.5 HP (1.1 kW)	1.5 HP (1.1 kW)	2.0 HP (1.5 kW)	2.0 HP (1.5 kW)
Maximum speed	111 RPM	94 RPM	87 RPM	85 RPM	69 RPM	61 RPM
Input power and required breaker	100—125 VAC, 50/60 Hz, 1 Φ, 25 A 200—250 VAC, 50/60 Hz, 1 Φ, 15 A 200—250 VAC, 50/60 Hz, 3 Φ, 10 A 400—480 VAC, 50/60 Hz, 3 Φ, 10 A 575—600 VAC, 50/60 Hz, 3 Φ, 10 A		200—250 VAC, 50/60 Hz, 1 Φ, 25 A 200—250 VAC, 50/60 Hz, 3 Φ, 15 A 400—480 VAC, 50/60 Hz, 3 Φ, 10 A 575—600 VAC, 50/60 Hz, 3 Φ, 10 A			
Maximum full load current	11.0A @ 100—125 VAC, 1 Φ 5.5A @ 200—250 VAC, 1 Φ 3.2A @ 200—250 VAC, 3 Φ 1.6A @ 400—450 VAC, 3 Φ 1.3A @ 575—600 VAC, 3 Φ		9.8A @ 200—250 VAC, 1 Φ 4.9A @ 200—250 VAC, 3 Φ 2.4A @ 400—450 VAC, 3 Φ 1.9A @ 575—600 VAC, 3 Φ		12.4A @ 200—250 VAC, 1 Φ 6.2A @ 200—250 VAC, 3 Φ 3.2A @ 400—450 VAC, 3 Φ 2.6A @ 575—600 VAC, 3 Φ	
Minimum airfoil clearances required	2 ft (0.6 m) on sides 5 ft (1.5 m) below ceiling deck		2 ft (0.6 m) on sides 6 ft (1.8 m) below ceiling deck		2 ft (0.6 m) on sides 7 ft (2.1 m) below ceiling deck	
Standard mount	Small I-beam					
Mount options	Large I-beam, spanned angle iron, small/large L-bracket, Z-purlins					
Controller	Variable speed controller, NEMA 4X					
Onboard controller	By request					
Gearbox	Industrial-grade					
Sound level at maximum speed*	< 55 dBA					
Redundant safety features	Airfoil retainers, hub clips, safety cables, Grade 8 bolts					
Fire relay	Included					
Certifications (entire fan)	ANSI/UL 507, CAN/CSA C.22.2 No. 113-08					
Warranty**	12 year limited warranty					

* Fans are sound tested at maximum speed in a laboratory environment. Actual results in field conditions may vary due to sound reflecting surfaces and environmental conditions.

** 12 year limited parts (first 3 years covered at 100% and pro-rated thereafter), lifetime airfoils and hub warranty available in the US and Canada; certain exclusions apply. Warranties vary by country. See complete warranty for details.





Level 2 Scope of Work – Powerfoil 8, Basic 6

CAUTION: The following is a reference tool only. Please consult the appropriate product Installation Guide for complete installation instructions and safety guidelines.

WARNING: To reduce the risk of electric shock, wiring should be performed by a qualified electrician! Incorrect assembly can cause electric shock or damage the motor and the controller!

WARNING: Fan installation must be in accordance with the National Electrical Code, ANSI/NFPA 70, and all local codes. Failure to comply with these codes could result in personal injury or property damage.

CAUTION: The Big Ass Fans product warranty will not cover equipment damage or failure that is caused by improper installation of customer responsible work.

General:

- Includes regular working hours from 7am to 5pm M-F, or afterhours charges will apply.
- Any bridge cranes in or near fan installation area must be locked out during fan installation.
- To activate warranty coverage, the Check-In and Close-Out forms must be completed and returned to Big Ass Fans.
- Whether provided by Big Ass Fans or customer, lift is to be OSHA approved two-man scissor lift.
- If lift is to be provided by customer and lift is unavailable, or in unsafe condition, a replacement lift will be ordered and customer will be charged for the lift as well as any resulting down time.
- Angle iron or other steel added by installer in finished (non-industrial) spaces will be painted to match by installer.
- Wasted trips or delays caused by the customer, including timely access to work area(s), timely delivery of fans to the installers, fan/controller placement decisions, or incomplete customer responsibilities, will result in additional charges.

CUSTOMER RESPONSIBILITY CONSISTS OF (MUST BE COMPLETED PRIOR TO BIG ASS FANS ARRIVAL):

- Receive and store the fan shipment in a safe, dry place until installation
- Install wiring per NEC from power source to a junction box located within 5 feet of wall controller location
- Provide and install a junction box for fire wire within 5 feet of wall controller location (applicable only if Fire Relay Installation not purchased)
- Install fire wire per NEC from fire control panel to junction box (applicable only if Fire Relay Installation not purchased)
- Provide final tie-in of fire wire at the fire control panel

BIG ASS FANS RESPONSIBILITY CONSISTS OF:

- Attach upper yoke to I-beam, or angle iron spans between steel bar joists or z-purlins
- Attach extension tube to upper yoke, and secure safety cable
- Attach lower yoke to extension tube, and attach main fan unit to lower yoke
- Secure guy wires as required per installation guide
- Install wall mounted controller to accessible surface (column, concrete wall or wood) within 100 feet of fan
- Install wiring per NEC between wall controller and fan motor (in EMT conduit to ceiling height only), not to exceed 100 linear feet
- Install fire wire per NEC between VFD and junction box to be located within 5 feet of wall controller location (if Fire Relay Installation is purchased, fire wire will be installed per the Fire Relay Scope of Work)
- Attach winglets to airfoils
- Attach airfoils and airfoil retainers to fan hub, and tighten all airfoil bolts to 29 ft-lb (39.3 N-m)
- Attach hub cover (Powerfoil 8 only)
- Fan start-up testing and operational training

Exclusions:

- Does not include use of scaffolding, all-terrain lifts, articulated boom lifts, or other specialty lifts
- Does not include clean-up or rework of existing electrical infractions
- Does not include additional local disconnecting means adjacent to the fan
- Does not include relocation of obstacles such as light fixtures, electrical conduits, gas lines, water lines, sprinkler lines, etc.
- Does not include any permit or inspection fees

The installation of HVLS fans in buildings equipped with sprinklers, including ESFR sprinklers, shall comply with the following:

- The HVLS fan shall be centered approximately between four adjacent sprinklers.
- The vertical distance from the HVLS fan to sprinkler deflector shall be a minimum of 3 ft (0.9 m).
- All HVLS fans shall be interlocked to shut down immediately upon receiving a waterflow signal from the alarm system in accordance with the requirements of *NFPA 72*.



Powerfoil 8 Specifications

CAUTION: The following is a reference tool only. Please consult the Powerfoil 8 Installation Guide for complete installation instructions and safety guidelines.

Powerfoil®8 specifications

Fan size	Motor size, HP (kW)	Controller rated HP (kW)	Minimum required supply circuit size	Nominal output voltage, 3 Φ ¹	Maximum full load motor current (as programmed) ²	Power consumption	Max RPM	Airfoil length	Suggested distance from ceiling
12 ft (3.6 m)	1.0 (0.75)	1.0 (0.75)	25A @ 100–125V 1 Φ 15A @ 200–250V 1 Φ 10A @ 200–250V 3 Φ 10A @ 400–480V 3 Φ 10A @ 575–600V 3 Φ	240V 240V 240V 480V 600V	3.7A 3.7A 3.7A 1.9A 1.3A	710W	111 RPM	64" (163 cm)	3 ft (0.61 m)
14 ft (4.3 m)	1.0 (0.75)	1.0 (0.75)	25A @ 100–125V 1 Φ 15A @ 200–250V 1 Φ 10A @ 200–250V 3 Φ 10A @ 400–480V 3 Φ 10A @ 575–600V 3 Φ	240V 240V 240V 480V 600V	3.7A 3.7A 3.7A 1.9A 1.3A	770W	93 RPM	76" (193 cm)	4 ft (0.91 m)
16 ft (4.9 m)	1.5 (1.1)	1.5 (1.1)	25A @ 200–250V 1 Φ 15A @ 200–250V 3 Φ 10A @ 400–480V 3 Φ 10A @ 575–600V 3 Φ	240V 240V 480V 600V	5.3A 5.3A 2.8A 1.9A	1030W	87 RPM	88" (224 cm)	4 ft (0.91 m)
18 ft (5.5 m)	2.0 (1.5)	2.0 (1.5)	25A @ 200–250V 1 Φ 15A @ 200–250V 3 Φ 10A @ 400–480V 3 Φ 10A @ 575–600V 3 Φ	240V 240V 480V 600V	6.7A 6.7A 3.2A 2.6A	1170W	79 RPM	100" (254 cm)	4 ft (0.91 m)
20 ft (6.1 m)	2.0 (1.5)	2.0 (1.5)	25A @ 200–250V 1 Φ 15A @ 200–250V 3 Φ 10A @ 400–480V 3 Φ 10A @ 575–600V 3 Φ	240V 240V 480V 600V	6.7A 6.7A 3.2A 2.6A	1310W	69 RPM	112" (284 cm)	5 ft (1.22 m)
24 ft (7.3 m)	2.0 (1.5)	2.0 (1.5)	25A @ 200–250V 1 Φ 15A @ 200–250V 3 Φ 10A @ 400–480V 3 Φ 10A @ 575–600V 3 Φ	240V 240V 480V 600V	6.7A 6.7A 3.2A 2.6A	1640W	61 RPM	136" (345 cm)	5 ft (1.22 m)

1. Output voltage will not exceed Input voltage, with the exception of 120V models. All controllers produce 3 Φ output power, regardless of input phase.
2. This value may vary due to input voltage conditions.



Powerfoil 8 Plus Specifications

CAUTION: The following is a reference tool only. Please consult the Powerfoil 8 Plus Installation Guide for complete installation instructions and safety guidelines.

Powerfoil®8 Plus specifications

Fan size	Motor size, HP (kW)	Controller rated HP (kW)	Minimum required supply circuit size	Nominal output voltage, 3Φ ¹	Maximum full load motor current (as programmed) ²	Power consumption	Max RPM	Airfoil length	Suggested distance from ceiling
12 ft (3.6 m)	1.0 (0.75)	1.0 (0.75)	25A @ 100–125V 1Φ 15A @ 200–250V 1Φ 10A @ 200–250V 3Φ 10A @ 400–480V 3Φ 10A @ 575–600V 3Φ	240V 240V 240V 480V 600V	3.7A 3.7A 3.7A 1.9A 1.3A	790W	98 RPM	64" (163 cm)	5 ft (1.52 m)
14 ft (4.3 m)	1.5 (1.1)	1.5 (1.1)	25A @ 200–250V 1Φ 15A @ 200–250V 3Φ 10A @ 400–480V 3Φ 10A @ 575–600V 3Φ	240V 240V 480V 600V	5.3A 5.3A 2.8A 1.9A	930W	85 RPM	76" (193 cm)	6 ft (1.83 m)
16 ft (4.9 m)	1.5 (1.1)	1.5 (1.1)	25A @ 200–250V 1Φ 15A @ 200–250V 3Φ 10A @ 400–480V 3Φ 10A @ 575–600V 3Φ	240V 240V 480V 600V	5.3A 5.3A 2.8A 1.9A	1180W	81 RPM	88" (224 cm)	6 ft (1.83 m)
18 ft (5.5 m)	2.0 (1.5)	2.0 (1.5)	25A @ 200–250V 1Φ 15A @ 200–250V 3Φ 10A @ 400–480V 3Φ 10A @ 575–600V 3Φ	240V 240V 480V 600V	6.7A 6.7A 3.2A 2.6A	1360W	70 RPM	100" (254 cm)	6 ft (1.83 m)
20 ft (6.1 m)	2.0 (1.5)	2.0 (1.5)	25A @ 200–250V 1Φ 15A @ 200–250V 3Φ 10A @ 400–480V 3Φ 10A @ 575–600V 3Φ	240V 240V 480V 600V	6.7A 6.7A 3.2A 2.6A	1480W	67 RPM	112" (284 cm)	7 ft (2.13 m)
24 ft (7.3 m)	2.0 (1.5)	2.0 (1.5)	25A @ 200–250V 1Φ 15A @ 200–250V 3Φ 10A @ 400–480V 3Φ 10A @ 575–600V 3Φ	240V 240V 480V 600V	6.7A 6.7A 3.2A 2.6A	1560W	54 RPM	136" (345 cm)	7 ft (2.13 m)

1. Output voltage will not exceed Input voltage, with the exception of 120V models. All controllers produce 3Φ output power, regardless of input phase.
2. This value may vary due to input voltage conditions.



Basic 6 Specifications

CAUTION: The following is a reference tool only. Please consult the Basic 6 Installation Guide for complete installation instructions and safety guidelines.

Technical specifications

Fan size	Motor size, HP (kW)	Controller rated HP (kW)	Minimum required supply circuit size	Nominal output voltage, 3 Φ ¹	Maximum full load motor current (as programmed) ²	Power consumption	Max RPM	Airfoil length	Suggested distance from ceiling
12 ft (3.6 m)	1.0 (0.75)	1.0 (0.75)	25A @ 100–125V 1 Φ 15A @ 200–250V 1 Φ 10A @ 200–250V 3 Φ 10A @ 400–480V 3 Φ 10A @ 575–600V 3 Φ	240V 240V 240V 480V 600V	3.7A 3.7A 3.7A 1.9A 1.3A	600W	111 RPM	64" (163 cm)	3 ft (0.61 m)
14 ft (4.3 m)	1.0 (0.75)	1.0 (0.75)	25A @ 100–125V 1 Φ 15A @ 200–250V 1 Φ 10A @ 200–250V 3 Φ 10A @ 400–480V 3 Φ 10A @ 575–600V 3 Φ	240V 240V 240V 480V 600V	3.7A 3.7A 3.7A 1.9A 1.3A	660W	94 RPM	76" (193 cm)	4 ft (0.91 m)
16 ft (4.9 m)	1.5 (1.1)	1.5 (1.1)	25A @ 200–250V 1 Φ 15A @ 200–250V 3 Φ 10A @ 400–480V 3 Φ 10A @ 575–600V 3 Φ	240V 240V 480V 600V	5.3A 5.3A 2.8A 1.9A	830W	87 RPM	88" (224 cm)	4 ft (0.91 m)
18 ft (5.5 m)	1.5 (1.1)	1.5 (1.1)	25A @ 200–250V 1 Φ 15A @ 200–250V 3 Φ 10A @ 400–480V 3 Φ 10A @ 575–600V 3 Φ	240V 240V 480V 600V	5.3A 5.3A 2.8A 1.9A	1180W	85 RPM	100" (254 cm)	4 ft (0.91 m)
20 ft (6.1 m)	2.0 (1.5)	2.0 (1.5)	25A @ 200–250V 1 Φ 15A @ 200–250V 3 Φ 10A @ 400–480V 3 Φ 10A @ 575–600V 3 Φ	240V 240V 480V 600V	6.7A 6.7A 3.2A 2.6A	1130W	69 RPM	112" (284 cm)	5 ft (1.22 m)
24 ft (7.3 m)	2.0 (1.5)	2.0 (1.5)	25A @ 200–250V 1 Φ 15A @ 200–250V 3 Φ 10A @ 400–480V 3 Φ 10A @ 575–600V 3 Φ	240V 240V 480V 600V	6.7A 6.7A 3.2A 2.6A	1400W	61 RPM	136" (345 cm)	5 ft (1.22 m)

1. Output voltage will not exceed input voltage, with the exception of 120V models. All controllers produce 3 Φ output power, regardless of input phase.
2. This value may vary due to input voltage conditions.

**Fairfield County Airport Authority
Board Meeting, February 9, 2015**

Engineer's Summary Report

1. Previous FAA grants

- 2111 FAA has not completed close-out package review.
- 2212 FAA still reviewing

2. FY 2013 Projects –

Project work completed, FAA grant Close-out underway.

3. FY 2014 Projects:

1. Rehab T/H G & Rehab Apron B and C1

FAA Grant received, work to be scheduled in Spring 2015.

Other: EMA Building Proposal

1. Location moved to northern property edge
2. Airspace review submitted Dec '14, response pending but no anticipated concerns or objections
3. Located outside the floodplain limits.
4. FAA land release letter submitted, FAA has reached out with questions. Approval still pending.
5. Draft list of design criteria developed.

FY 2015 Pre-App

Submitted Dec 2014 – Includes PAPI replacement and relocation
Wildlife Assessment

Terminal Modifications

CMT developed Scope and Fee proposal for terminal modifications, addressing restroom, front and rear entrances for Board's consideration.

Historical Aircraft Squadron Museum

Maintenance and repairs completed to the Fairfield County Airport grounds and equipment for the year of 2014.

Repairs to Fuel Truck;

Remove, purchase and install master cylinder.....	24 hours
Remove and repair power steering unit.....	15 hours
Remove, purchase and install new power steering unit.....	16 hours
Remove, purchase and install broken brake line.....	8 hours
Repair parking brake release spring.....	16 hours
Service all systems.....	8 hours
	91 hours

Snow Plow Truck

Repair, install, and bleed brake lines.....	16 hours
Remove and install new alternator.....	8 hours
Replace mud flap frame.....	12 hours
Full service all systems.....	8 hours
	44 hours

Zero Turn Mower

Service all systems.....	4 hours
Remove and replace mower blades.....	4 hours
Replace two tires.....	8 hours
	16 hours

Tractor Brush Hog Mower

Repair actuating cylinder.....	8 hours
Full service.....	8 hours
	16 hours

Snow Blower

Install snow hood.....	8 hours
Repair and replace skids for better operation.....	8 hours
Repair two tires.....	8 hours
	24 hours

Runway Light Maintenance;

Repair or replace the following lights;

Runway north side.....	#1, #18, #30	
Runway South side.....	#5, #11, #15, #21	
Taxiway south side.....	#25, #29, #35, #115, #119	
Taxiway north side.....	#50, #82, #84, #90, #112, #120, #146, #154, #180, #182, #196	
Overrun west.....	#4, #8	
Over run east.....	#4	Approximately <u>26 hours</u>

Mowing;

May.....	Approximately 144 hours
June.....	144 hours
July.....	144 hours
August.....	144 hours
September.....	<u>72 hours</u>
Total.....	648 hours

Snow Plowing;

December 2013.....	8.7" snow.....	24 hours
January 2014.....	17.7".....	24 hours
February	10.7".....	24 hours
February ,.....	6.9".....	<u>24 hours</u>
Total hours of plowing.....		92 hours

Total volunteer hours excluding grass agreement 309 Volunteer hours