

# Houston Sport Flyers

## Runway and Facilities Construction Plan as of Nov., 10, 2018

### Scope of work: North/South Runway and Pit Area

Kill weeds, grade and level areas around Pits and runway intersections to minimize pooling water.

Purchase 6 rolls of Geotextile for the North/South runway and have delivered or make arrangements to pick up.

Place Rhino Snot under Pit area to stabilize that soil - Salvage existing geotextile to place under Pit areas

Replace base material back in front of Pit area for parking and unloading

Install geotextile on North/South runway

### Construction segments:

**Runway Preparation** – weed Killer placement, scrape and roll runway with boxblade

Grade area at intersection flat and smooth in preparation of geotextile

Grade and level in front of Pits and under Pits to improve drainage and widen

Current drainage gully. Continue mowing grass during this process

Completion of this process DOES NOT mean that the water issue is solved – that will be when construction crews are available in our area

**Work crew** – Charlie, Rob, Mike, Wayne , \_\_\_\_\_

**Estimated man hours** - 18

**Estimated cost:** \$600.00 (Charlie pocket or donations)

Purchase 6 rolls Geotextile and arrange for pick up or delivery

**Equipment Needed:** Truck and 16' trailer

**Estimated man hours:** 6

**Work Crew-** \_\_\_\_\_

**Estimated cost:** \$5000 to \$8000

**Funding Source and availability to make purchase:** \_\_\_\_\_

### **Crew #1 – Runway Geotextile Placement Party**

6 to 8 man crews – coordinated in rolling and stapling

Place 1<sup>st</sup> roll on south end and roll north. Stake the fabric across the 15' side after making square. Run string line length of the runway to use as straight line guide. Roll out 25' sections at a time to insure that material stays online. Staple 25' section and move forward. Repeat until the end. Purchase Hot coat roof coating to roll the center seams together – (2) man crew for this process.

**Estimated Man Hours per roll:** 3 - total approx. 9

**Estimated Cost:** \$0

### **Crew#2 – Pit Area**

6 to 8 man crew - Red Team - 4 man crew to separate and salvage old Geotextile – Green team -4 man crew to sweep, brush rake rocks away. Red team move to Rhino Snot and prep pump hoses etc for application. Charlie will have to coordinate with contractor to bower water truck if they still have it available.

Spray heavy coats of rhino snot under Pits and in front of pits for unload area. Wait till dry.

Red and Green team place and staple geotextile under pits.

**Estimated Man Hours:** 10

**Estimated Cost:** \$0

### **Tools needed for this project :**

Tractor and Boxblade, 8 sledge hammers. 4 spade Shovels, 4 boxes of 6" staples, gloves, kneepads, 400; string line. Carpenter Square. Razor knives, roof tar 4ea 4 gal buckets.

**Estimated cost:** \$200.00