

MLAA Meeting Minutes Meeting

March 08, 2016

- March meeting called to order 1700L.
- Attendance: Mike Barr, Dave Elliott, Jeff Moore, Larry Wright, Tom Shook
- Absent: Brad Henry, Richard Martin
- Guest members: Alan McPeak.

I. Minutes/Meetings. January and February minutes accepted as drafted.

II. County Commissioner. Tim Geitner running for commissioner, lives in Meridian Ranch and contact Elliott and scheduled a meeting to learn about the airport.

III. Attachments.

- A. Calendar of events.
- B. Rule 16-01 Taxiway easements.

IV. Treasurer Report.

- A. Grants. AIP 22 progressing
- B. Late Dues.
 - 1. 2015.
 - a) Cox: 2009-2015: \$7500+. Maybe a buyer interested in property.
 - b) Sanders: 2010-2015: \$4700+. Renting out property without a CO from county.
 - c) Liens need to be updated because of possible sale and court actions on going.
 - 2. 2016 about 25% received thus far.
- C. Gate Accident.
 - 1. Insurance company sent check.
 - 2. Additional repairs were needed after install.
 - 3. Contacted insurance company to file for additional funds.
- D. Will have quarterly budget summary for board at next meeting.

V. Master Plan.

- A. Elliott meeting with Jviation and CDOT about some changes on Attach 1.
- B. Elliott working on county fees for review.

VI. Airport Development Committee.

- A. 7929½ Cessna Dr (MLA7, Lot 6) ... Rosas/_____ ... site plan under review
- B. 7929 Cessna Dr (MLA7, Lot 5) ... Showalter/MidWest Steel ... (NNTR)
- C. 7955 Cessna Dr (MLA5, Lot 1) ... Williams/MidWest Steel ... Phase I complete, final pends
- D. 7959 Cessna Dr (MLA5, Lot 2) ... DELL Properties ... condo plan under development
- E. 8110 Cessna Dr (MLA10, Lot 10) ... Parrish/ ... permits pending ... (NNTR)
- F. 8122 Airpark Hts (MLA14, Lot 10) ... Falcon Devel/MidWest Steel . . plans in progress
- G. 8190 Cessna Dr (MLA2, Lot 4, Blk 1) ... Airport Properties/Johnson ... (NNTR)

- H. 14155 Judge Orr Rd (MLA1, Lot 5, Blk 1) ... Tix (residential plans under development)
- I. 14250 Citation Ln (MLE5, Lot 4, Blk 1) ... Price (residential plans under development)

VII. Residential Through the Fence (RTTF).

- A. Have received some signed agreements
- B. Elliott scheduling a meeting to finalize with home owners.

VIII. Roads and Grounds.

- A. Cessna Drive.
 - 1. Drainage.
 - a) Pending El Paso county decision on fees.
 - b) Line item in budget for maintenance.
 - c) Ed McCord reviewed documents
 - 2. Elliott has materials for entrance fences.
- B. Signage.
 - 1. Speed limit and aircraft right of way signs acquired.
 - 2. Need to be installed when warmer outside.
- C. Gate.
 - 1. New gate installed.
 - 2. Needed Further repair on entrance loop
 - 3. Has an issue with motorcycles on exit.
 - 4. Signs need to be reinstalled on gate.
- D. Wildlife.
 - 1. Prairie Dog population increasing.
 - 2. Elliott contacted state wildlife people to come and handle it.

IX. Grazing.

- A. Moore and Texer signed agreement.
- B. Surveyor scheduled.
- C. Texer wants to start fencing install early March.

X. Rules and Regulations.—16-01 attached.

XI. Airfield.

- A. Fog seal and striping in spring. No bills received for crackfill as of today.
- B. UAS flights. Elliott working with FAA looking for guidance for airports.
- C. Actual runway rehab moved to 2021, \$1.9 million is estimate.

XII. Airfield Lighting/Signs.

- A. "Hold for Aircraft" sign for turf runway acquired, will install when warmer.
- B. Lights. (Notam needs to be updated on April 16th.)

1. PAPIs: Working with Aviation (Dale Mitchell) and planning logistics on some options.
 2. Beacon Barr planning to remove motor within the week.
- C. AWOS contract due for renewal.

XIII. Buildings.

- A. Jeff Anderson installed LEDs on hangar/restaurant building, South East light is intermittent.
- B. Vann and Chris working on more interior remodeling for classroom space.

XIV. Vehicles.

- A. Anthony Sweet hired to maintain and repair vehicles.
- B. Elliott and Sweet working on vehicles on Mondays.
- C. Building Maintenance/operators logs for each vehicle.
- D. Vehicle Status.
 1. Plows:
 - a) Oshkosh plow Operational ... blade wheel repair and tire repair complete
 - b) Int'l plow OOC ... battery cable
 - c) 1-Ton GM OOC ... batteries, snow blade hydraulic repair
 2. Brooms:
 - a) Oshkosh Oper ... needs disk replacement
 - b) '05 Trackless Oper (w/broom) ... sprayer status unknown
 3. Mowers:
 - a) Int'l tractor Oper (w/tripledeck) ... needs service
 - b) '99 Trackless OOC ... needs battery, service and mower install (broom inop)
 - c) '91 MB OOC ... major service ... mower & broom status unknown
 - d) Ford 8N OOC ... major service
 - e) John Deere OOC ... major service ... mower & snow blower status unknown
 4. Utility:
 - a) Ford tractor w/loader ... status unknown
 - b) Marathon Equipment Melting Kettle (crack fill trailer)

XV. Users of Airport/Events. (See attached Schedule of Events for more detail).

- A. EAA Chapter 72.
 1. Planning tribute to founders of Meadow Lake on International Learn to Fly Day, 3rd Saturday of May with a cookout.
- B. AEFCE.
 1. Vann published impressive success letter on students for circulation.
 2. Summer camp is June 15-24.
- C. High Flights. --NNTR
- D. PPPPG- Pikes Peak Powered Para Gliders. NNTR.
- E. Soaring Eagles.—NNTR.
 1. CAP. Mark Anderson initial planning of an encampment for cadets first weekend in April.

XVI. Website. --NNTR**XVII. Meeting Adjourned 1730L****XVIII. Next Meeting—Meeting April 12, 2016. 1700L****XIX. Action items:**

- | | | |
|---|-------------------------------------|---------------------------|
| A. Website Update | | Shook |
| B. PAPI-tracked down parts, ordering | (progressing) | Barr |
| C. Beacon Repair | | Barr |
| D. Replace broom disks | | Henry |
| E. Check with Troy Stover for name of mechanics for broom work. | | Elliott |
| F. Signs for Turf Runway | | Scott/Elliott |
| G. Airport re-enumeration | | Future project |
| H. Airport Signage | | Future project |
| I. Aircraft Right of Way Signs for Cessna and speed limit | (arrived) | Elliott |
| J. Build correspondence and minute book 2010 to present | | Moore |
| K. Execute fencing/grazing contract | | Moore |
| L. Broken Cessna Drive culvert | | Wright |
| M. Check with Britt lot 15 equestrian easement. | | Elliott |
| N. Building Light LED replacements | (Jeff Anderson notified) | Martin/Elliott |
| O. Budget for 2016 | | Moore |

MLAA CALENDAR - 2016

(see individual websites for event details)

boxes highlight activities at Meadow Lake for all members

January

- 2 AEFCO Class 7
- 12 MLAA Board of Directors monthly meeting
- 16 AEFCO Class 8
- 23 EAA 72 monthly meeting
- 25-26 *CAOA Winter Conference ... Denver*
- 30 AEFCO Class 9

February

- 11 MLAA Board of Directors monthly meeting
- 13 AEFCO Class 10
- 20 EAA 72 monthly meeting
- 27 AEFCO Class 11

March

- 5 AEFCO Class 12
- 8 MLAA Board of Directors monthly meeting
- 12 ***"Colorado Springs Pilot Briefing" ... Colorado Springs (COS)***
High Flights Soaring Club (HFSC) Annual Safety Meeting
- 19 EAA 72 monthly meeting
- 21-26 AEFCO "Boot Camp" (FAA Test Prep)

April

- 2-3 CAP Cadet encampment (kFLY)
- 5-10 ***"Sun 'n Fun" ... Lakeland, FL (LAL)***
- 9 AEFCO Class 13
- 12 MLAA Board of Directors monthly meeting
- 23 AEFCO Class 14
- 23 EAA 72 monthly meeting

May

- 10 ***MLAA Annual General Membership meeting***
- 21 ***"International Learn to Fly Day" = Meadow Lake Airport 50th Birthday Cookout***
- 28 ***"Warbird and Auto Show" ... Front Range (FTG)***

June

- 1-3 *Colorado Airport Operators Conference (CAOA) Spring Conference ... Durango*
- 4 ***"SOF Rods & Wings Lift Off" ... Eire (EIK)***
- 6-7 Soaring Eagle Foundation – Wounded Warrior *"Glider Flying Academy"*
- 9 MLAA Board of Directors monthly meeting
- 17-26 AEFCO Summer Program
- 18 ***"Van Aire Fly-In Picnic" (CO12)***
EAA 72 monthly meeting
- 25 CPA Mountain Flying – High Elevation Airport Operations Ground School (BJC)
"Salida Fly-In" (ANK)

26-27 ***"Pikes Peak Airstrip Attack"*** ... Colorado Springs (COS)

July

2 ***"EAA Annual Fly-In & Pancake Breakfast"*** ... Granby (GNB)
8 ***"8th Annual Spirit of Flight Day"*** ... Eire (EIK)
14 MLAA Board of Directors monthly meeting
23 EAA 72 monthly meeting
25-31 EAA ***"AirVenture 2015"*** ... Oshkosh, WI (OSH)

August

6 ***"SOF Rods & Wings Show"*** ... Eire (EIK)
11 MLAA Board of Directors monthly meeting
13 CPA Mountain Flying – High Elevation Airport Operations Ground School (BJC)
20 EAA 72 monthly meeting

September

8 MLAA Board of Directors monthly meeting
10 ***"99's Poker Rally"*** – kFLY stop over
24 EAA 72 monthly meeting

October

13 MLAA Board of Directors monthly meeting
22 EAA 72 monthly meeting
28-29 ***"Copperstate Flyin"*** (CGZ)

November

10 MLAA Board of Directors monthly meeting
19 EAA 72 monthly meeting

December

8 MLAA Board of Directors monthly meeting
tbd EAA 72 annual Christmas Banquet

16-01 PRIMARY TAXIWAY EASEMENT STANDARDS

(adopted February 9, 2016)

Ref: (a) FAA AC 150/5300-13A **AIRPORT DESIGN**(b) FAA AC 150/5340-18F **STANDARDS FOR AIRPORT SIGN SYSTEMS****Meadow Lake Airport uses an FAA design standard for Group 1 aircraft, which defines**

- **Taxiway Safety Area (TSA) ... 24.5' either side of the taxiway centerline**
- **Taxiway Object Free Area (TOFA) ... 44.5' either side of the taxiway centerline**

The primary access taxiways of the Meadow Lake Airport hangar area (Taxiways Charlie, Delta, Echo, Foxtrot, and Kilo) are platted with 50' either side of the property boundary to allow aircraft an unobstructed view and access Through-The-Fence to the Meadow Lake Airport AOA (Airport Operations Area). The following guidance is provided to assist property owners, utility companies, and land use authorities with respect to these easements:

1. Utilities ...

- a. **There should be no above ground utilities within the TSA.**
- b. **Utilities within the TOFA should not exceed 30" and should have Low Impact Resistant (frangible) supports.**
- c. **Utilities within the remainder of the easement should not exceed 36" and should not impede visibility. If protection of these utilities is deemed necessary, it is recommended that two concrete-filled steel posts be considered, placed on either side of the utility parallel to the easement boundary. Winter marking of objects may be accomplished with flexible red or orange fiberglass rods.**
- d. **It is recommended that above-ground access to utilities (covers, lids, manholes, etc.) be flush with the surrounding surface so as to not interfere with mowing and snow plowing operations (FAA standard is no taller than 3").**

2. Structures ...

- a. **There should be no above ground structures within the TSA.**
- b. **Structures (such as signs) within the TOFA should not exceed 30" and should have Low Impact Resistant (frangible) supports.**
- c. **Structures within the remainder of the easement should not exceed 36" and should not impede visibility. If protection of these structures is deemed necessary, it is recommended that two concrete-filled steel posts be considered, placed on either side of the structure parallel to the easement boundary. Winter marking of objects may be accomplished with flexible red or orange fiberglass rods.**

3. Vehicles ...

- a. **There should be no parking within the TOFA.**
- b. **Passenger vehicle parking in the remainder of the easement should be limited to daytime temporary parking for convenience of tenants only. Property owners are requested to discourage overnight or long term parking. No vans, trucks, trailers, RVs or other vehicles that create an obstruction to visibility should be parked within the taxiway easements.**

4. Drainage ...

- a. **The easements may be used for drainage to convey surface storm water runoff, but such drainage should not interfere with aircraft, mowing, or plowing operations.**

Background. As the MLAA continues to grow, a published standard for conduct and expectations of the membership (property owners) becomes more important. One feature of our hangar area that is becoming increasingly congested is the primary east-west taxiway easements that provide through-the-fence (TTF) access from the privately owned hangar properties to the Airport. The purpose of this rule is to establish guidelines for use of the primary taxiways in the Meadow Lake Airport hangar area (Taxiways “Charlie”, “Delta”, “Echo”, “Foxtrot”, and “Kilo”) to the Airport Operations Area (Taxiway “Alpha” and Runway 8-26).

Discussion. Meadow Lake Airport uses design standards for Group 1 aircraft (49 foot wingspan, 20 foot tail height). Reference (a) defines mandatory standards for design on the airport for projects using FAA Airport Improvement Program funding. The Meadow Lake Airport hangar areas are on private property with Through-the-Fence (TTF) access to the MLAA-owned runway/taxiway complex (Airport Operations Area). In areas such as our hangar areas, reference (a) provides a *guide* for design. This reference describes a Taxiway Safety Area (TSA - 24.5 ft either side of the centerline), that should be “*free of objects, except for objects that need to be located in the TSA because of their function*”. In addition, the Taxiway Object Free Area (TOFA - 44.5 ft either side of the centerline), should be free “*except for objects that need to be located in the OFA for air navigation or aircraft ground maneuvering purposes*”.

In platting the Meadow Lake Airport Filings, the Meadow Lake Airport Development Corporation used one hundred (100) feet (50 feet either side of property boundaries) as a standard for the primary access taxiways. As the density of our hangars increases, along with the accompanying aircraft and vehicular traffic, it is becoming more important to maintain this standard for obstruction and visibility clearance.

Compliance. The MLAA Board of Directors recognizes that the MLAA has no direct enforcement authority of these standards on the private properties of the various Meadow Lake Airport sub-division filings. However, these standards shall be used by the MLAA Airport Development Committee (ADC) in developing recommendations to the Board for input to El Paso County Development Services Department and Board of County Commissioners, Pikes Peak Regional Building Department, and various utility companies. In addition, gross violation of these standards may result in consideration of revocation of Through-The-Fence access to the airport for non-compliant properties.

The following excerpts from Reference (a) provides guidance:

Section 404. Taxiway/taxilane clearance requirements.

- a. **Taxiway separations.** *The required distance between a taxiway/taxilane centerline and other objects is based on the required wingtip clearance, which is a function of the wingspan, and is determined by ADG [Airplane Design Group. Meadow Lake is a Group 1: TSA = 49 ft, TOFA = 89 ft, wingtip clearance = 20 ft]*
- b. **Taxiway and Taxilane Object Free Area (TOFA).** *The taxiway and taxilane OFAs are centered on the taxiway and taxilane centerlines ...*
 - (1) *The taxiway and taxilane OFA clearing standards prohibit service vehicle roads, parked aircraft, and other objects, except for objects that need to be located in the OFA for air navigation or aircraft ground maneuvering purposes. Vehicles may operate within the OFA provided they give right of way to on coming aircraft by either maintaining a safe distance ahead or behind the aircraft or by exiting the OFA to let the aircraft pass. Provide vehicular exiting areas along the outside of the OFA where required.*
 - (2) *The width of the OFA must be increased at intersections and turns.*
- c. **Taxiway and Taxilane Safety Area (TSA).** *The TSA is centered on the taxiway/taxilane centerline*
- d. **Designs Standards.** *The TSA must be:*
 - (1) *cleared and graded and have no potentially hazardous ruts, humps, depressions, or other surface variations;*

- (2) drained by grading or storm sewers to prevent water accumulation;*
- (3) capable, under dry conditions, or supporting snow removal equipment, Aircraft Rescue and Fire Fighting (ARFF) equipment, and the occasional passage of aircraft without causing structural damage to the aircraft; and*
- (4) free of objects, except for objects that need to be located in the TSA because of their function. Objects higher than 3 inches (76 mm) above grade must be constructed on Low Impact resistant (LIR) supports (frangible mounted structures) of the lowest practical height with the frangible point no higher than 3 inches (76 mm) above the grade adjacent to any foundation. Other objects, such as manholes, should be constructed at grade. In no case may their height exceed 3 inches (76 mm) above grade.*

