

# MINUTES

## ***Amusement Ride Safety Committee***

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**DATE | TIME:** April 14, 2021 | 9:00 am – 12:00 pm |

**LOCATION:** Redwood B Conference Room | Google Meet

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### **BOARD MEMBERS**

Andre' Meacham | Benjamin Sheldon | Larry Mullenax | Johnnie Miller | Pam Zoeller | Cara Sherlock | Robert Miles (Non-voting Member)

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### **BOARD MEMBERS IN ATTENDANCE AT THIS MEETING**

Andre' Meacham | Benjamin Sheldon | Larry Mullenax | Johnnie Miller | Cara Sherlock | Robert Miles (Non-voting Member)

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### **OTHER ATTENDEES**

Jesse Sweeten (UDOT Director of Amusement Ride Safety Committee)

Micah Richins (UDOT Consultant)

Scott Andrews (Policy Director, Association for Challenge Course Technology (ACCT))

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### **APPROVAL OF MINUTES FOR MARCH MEETING**

- Johnnie asked the committee for a motion to approve the UARSC meeting minutes for the March 10th meeting.
- Ben made a motion to approve the meeting minutes. Andre' seconded the motion. Motion passed unanimously.

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### **DISCUSS HOW PROGRAM CAN ADDRESS BIG PICTURE ITEMS**

- Jesse asked Andre to present his research regarding safety bulletins and major modifications to amusement rides.
- Andre' presented the following proposals regarding safety bulletins based on ASTM F770 and F1193:

1. The owner/operator of an amusement ride shall indicate on the annual amusement ride permit application form whether a safety bulletin has been issued by the amusement ride manufacturer within the past twelve (12) months.
  - a. If indicated yes, the form shall require a subsequent acknowledgement from the owner/operator which indicates the required action (if any) has been satisfactorily addressed.

**"Safety Bulletin(s) received in the past twelve (12) months? YES ☐ NO**

☐

**If YES, has the required action(s) (if any) been completed? YES ☐ NO**

☐

2. Qualified Safety Inspectors shall inquire as to whether any safety bulletins have been issued for an amusement ride within the past twelve (12) months at the time of the annual inspection. Inquiries may be made with the owner/operator or the amusement ride manufacturer.
  - a. If a safety bulletin has been issued, the Q.S.I. shall indicate both the issuing of a safety bulletin as well as the required action (if any) has been satisfactorily addressed.
  - b. This indication shall be noted on the inspection certification form submitted to the Director as part of the permit application requirement.

**"Safety Bulletin(s) issued in the past twelve (12) months? YES ☐ NO ☐**

**If YES, has the required action(s) (if any) been completed? YES ☐ NO**

☐

3. After the first year of issuing operating permits for amusement rides, the U.A.R.S.C. Director shall review safety bulletins issued for all permitted amusement rides on an annual basis via public clearinghouses for safety bulletins by amusement ride manufacturers (such as RidesDataBase.org)

- Andre' recommended that the above yes/no questions be added to the amusement ride permit application form. He asked for comments and feedback on the presented material

for safety bulletins and whether the committee agrees that the owner/operator should be held responsible for reporting safety bulletins on the annual permit application form as well as follow the given timeline of twelve months.

- Ben asked what the committee should do about safety bulletins that are not submitted on an annual basis that require an ongoing procedure to occur within a specific repeating time frame for the life of the ride. Cara responded that the QSI that inspects their rides documents the changes from each safety bulletin issued and retains that for future inspections. Ben suggested that the 12 month requirement be removed from item 2 so that the QSI can review safety bulletins issued in the past 12 months as well as any that the owner/operator has retained beyond a year. Cara agreed with Ben.
- Johnnie asked if ASTM has any standards that require owners/operators to retain safety bulletins. Andre' responded that there are no standards that require that, except for one section that requires owners/operators to have all safety bulletins if they sell an amusement ride. Johnnie reminded the committee that they must adopt ASTM or other nationally recognized standards. Scott Andrews mentioned that the ACCT standards require maintaining safety bulletins for the life of a device.
- Ben and Cara suggested that safety bulletins be called "manufacturer supplemental bulletins" based on the ASTM terminology.
- Andre' presented the following proposals regarding major modifications based on ASTM F747, F770 and F2291:

1. The owner/operator of an amusement ride shall indicate on the annual amusement ride permit application form whether a major modification has been made within the past twelve (12) months. Major modification definitions per current ASTM F-24.
  - a. If indicated yes, the form shall require a subsequent acknowledgement from the owner/operator which indicates the necessary updates to operating, maintenance and inspections procedures (if any) have been made.

**"Major modification has been made in the past twelve (12) months? YES ☐ NO ☐**

**If YES, have the necessary updates been made to operating, maintenance and inspection procedures (if any) been completed? YES ☐ NO ☐**

2. Qualified Safety Inspectors shall inquire as to whether any major modifications have been made to an amusement ride within the past twelve (12) months at the

time of the annual inspection. Inquiries may be made with the owner/operator or the amusement ride manufacturer.

- a. If a major modification has been made according to the ASTM F-24 definition, the Q.S.I. shall indicate both the major modification has been made as well as the necessary updates to operating, maintenance and inspection procedures (if any) have been completed.

**“Major modification has been made in the past twelve (12) months? YES ☐ NO ☐**

**If YES, have the necessary updates been made to operating, maintenance and inspection procedures (if any) been completed? YES ☐ NO ☐**”

3. ASTM F-24 definition of Major Modification: *major modification--any change in either the structural or operational characteristics of the ride or device which will alter its performance from that specified in the manufacturer's design criteria.*
    - a. This is the current definition. An ASTM F-24 task group is working on making modifications to the modification issues. A new standard is being developed to address major and minor modifications and the requirements for manufacturers, owner/operators, etc.
    - b. This will require this committee to review and re-evaluate the handling of modifications if this is balloted and passes in the future.
- Ben asked if removing the 12 month time frame from item 2 of the safety bulletins proposal should also apply to the proposal for major modifications as well. The committee is currently undecided.
  - Johnnie suggested that the amusement ride permit application form have another section for any rides that are being permitted for the first time as opposed to being renewed. The section for newly permitted rides would require any history of major modifications on the ride.
  - Andre' suggested that the committee consider how these questions could be added to the amusement ride permit application form and then decide and vote accordingly. Jesse also asked the committee to consider the scenario where an owner/operator conducts a major modification and whether that would void the inspection and require a new annual permit.
  - Johnnie asked that the committee clarify whether an inspection performed by a QSI means the owner/operator is and has been in compliance with the applicable ASTM standards or if the inspection only validates that owner/operators are compliant for the day of the inspection. Johnnie felt that the QSI ought to be reviewing daily inspections

and verifying that the owner/operator has followed the ASTM standards as set forth by the committee for the entire prior year. Scott Andrews commented that ACCT inspectors will review every inspection report for the life of the ride.

- Jesse asked the committee to spend the next few weeks to decide whether they think the following should be included in the administrative rules:
  - Aerial Adventure Courses
  - Zip Lines
  - Ropes/Challenge Courses
  - Treatment Modality vs Amusement Ride
  
- Andre' suggested that the committee research whether other states include or exclude the mentioned list. Jesse asked Andre', Cara, Johnnie and Scott to conduct the research. Cara added that it should be decided whether each item in the list meets the definition of an amusement ride, and then what the purpose of the amusement ride is - whether it is for treatment modality or amusement.
- Johnnie suggested that the committee consider adopting a way for owners/operators to apply for exclusion if a ride or device is not intended for amusement.
- Andre' and Jesse also asked the committee to review the possibility of adopting the applicable ASTM standards for ziplines.

#### **Action Item Log (All)**

Item	Owner	Deadline	Status
Establish inspector resource list (priority item).	Committee		In progress
Develop an initial communication plan to disseminate information to owners/operators and the public.	Jesse	May 2020	In progress
Complete the following sections: <ul style="list-style-type: none"> <li>● R920-60-6. General Requirements for Amusement Rides.</li> <li>● R920-60-9. New Installation and Major Modifications of an Amusement Ride.</li> <li>● R920-60-10. Inspections and Testing.</li> </ul>	Entire Committee	October 2020	In progress

Decide what elements to include in a cover letter for the Safety Inspection Certification.	Andre'	November 2020	In Progress
Decide whether to specify ASTM F1193 explicitly in the admin rules, or leave ASTM F770 as the placeholder to reference ASTM F1193 by default.	Committee	November 2020	In Progress
Search for possible federal grants to help fund the committee.	Jesse & Larry	March 2021	In Progress
Reconsider fee structures for amusement ride registration and inspector applications.	Committee	March 2021	In Progress
Define the differences between the application for multi-ride vs ride permit.	Committee	April 2021	In Progress
Safety bulletin inclusion for inspectors (application or inspection).	Committee	April 2021	In Progress
Decision on whether to incorporate ASTM 2959.	Committee	April 2021	In Progress
<ul style="list-style-type: none"> <li>- Define what types of aerial adventure courses apply and do not apply.</li> <li>- Decide whether race karts are excluded in the rules.</li> </ul>	Committee	April 2021	In Progress
Reach out to amusement ride owner contacts to let them know that the statute implementation was extended one year.	Jesse	April 2021	In Progress
Updates to rules: <ul style="list-style-type: none"> <li>- Add a new definition "Manufacturer Supplemental Bulletin".</li> <li>- Add a new definition for "Major Modification".</li> <li>- Add major modification and manufacturer supplemental bulletin questions to the forms and rules.</li> </ul>	Committee	May 2021	In Progress

### ROUNDTABLE

- Jesse said he would reach out to Pam to find out if she is having conflicts with attending committee meetings and then decide if the committee should consider finding a replacement.
- Jesse asked the committee if they felt that meeting once a month was still necessary. Ben responded that monthly meetings are appropriate, but they should be scheduled for less time. Andre' suggested that the meetings be for 90 minutes on a monthly basis. The committee agreed to hold committee meetings every second Wednesday of each month from 9:00 am - 10:30 am.

### MEETING ADJOURNMENT

Motion was made by Ben at 11:01 am to adjourn the meeting. Larry seconded the motion. The vote was unanimous in the affirmative and the meeting adjourned.