



# MAINTENANCE RISK ASSESSMENT TOOL HOW-TO GUIDE

The following steps will assist you in completing a Maintenance Risk Assessment Tool (MRAT) using the SMS support portal

1) Select the time nearest to when you woke up from the drop down. For End time select the time nearest to when you arrived at the hotel or home.

2) For Sleep quality: select Good if you felt completely rested and ready to go. Select Fair if you had to hit "snooze" or needed some time to get going. Select Poor if you hit "snooze" more than once or needed coffee or another legal stimulant to get moving or really didn't want to get out of bed.

**Chick-fil-A**

### RAMP Fatigue & Maintenance Risk Assessment

This form is completed by the technician prior to beginning a shift or ad hoc maintenance. All hazards are to be properly mitigated. Ensure time inputs use the same time zone.

Date \* 2018-05-08

Technician \*

Technician email \*

Maintenance Base \*

Shift \*

Work Area \*

Duty Cycle \*

Consecutive Days of Circadian Shifting \*

Actual Wake Up Time (hh:mm) \*

Duty End Time (hh:mm) \*

Sleep Quality \* Good

Time Zones Crossed \* Less than 3

Fatigue Rating (% effective): 0.00%

Total Risk Rating: 0

3) Select the applicable choices for the remaining items in this top section.

4) Check the boxes for the Weather and Low Risk Maintenance Events applicable to your duty period.

**WEATHER**

Climate Controlled *	>100 deg F *	<45 deg F *	Wind *	Rain *	Dust *
<input type="radio"/> Yes	<input type="radio"/> Yes	<input type="radio"/> Yes	<input type="radio"/> Yes	<input type="radio"/> Yes	<input type="radio"/> Yes
<input checked="" type="radio"/> No	<input checked="" type="radio"/> No	<input checked="" type="radio"/> No	<input checked="" type="radio"/> No	<input checked="" type="radio"/> No	<input checked="" type="radio"/> No

High Humidity \*

Yes

No

**LOW RISK EVENTS**

Daily Inspection *	Wx Radar Testing *	Mx Away from Base *	Engine Change *
<input type="radio"/> Yes	<input type="radio"/> Yes	<input type="radio"/> Yes	<input type="radio"/> Yes
<input checked="" type="radio"/> No	<input checked="" type="radio"/> No	<input checked="" type="radio"/> No	<input checked="" type="radio"/> No

Work on shored acft *	Towing *	Battery replacement *	Engine wash *
<input type="radio"/> Yes	<input type="radio"/> Yes	<input type="radio"/> Yes	<input type="radio"/> Yes
<input checked="" type="radio"/> No	<input checked="" type="radio"/> No	<input checked="" type="radio"/> No	<input checked="" type="radio"/> No

5) Repeat Step 4 for Medium and High Risk Maintenance Events.

**MEDIUM RISK EVENTS**

Jacking acft \*

- Yes  
 No

Work w/ powered lifts/hoists/cranes \*

- Yes  
 No

Hydraulics power up \*

- Yes  
 No

Hydraulic powered control surface movement \*

- Yes  
 No

Engine run ups \*

- Yes  
 No

Wheel removal \*

- Yes  
 No

**HIGH RISK EVENTS**

Fuel tank entry/inspection \*

- Yes  
 No

High work without fall protection \*

- Yes  
 No

High energy ignition test \*

- Yes  
 No