

Las Vegas TMU and McCarran Airport

Introduction to the DDMT

(Departure Delay Mitigation Tool)

This program is a joint effort between Clark County and Las Vegas Traffic Management with extensive support from:

- NBAA
- NetJets
- Signature Flight Support
- Atlantic Aviation



Why did we develop this system?

Compacted departure demand and associated delays for large events can be significant. Existing slot programs are not efficient and require large lead times to coordinate.

Information is not being shared the way we feel it could be

We wanted to develop something that would mitigate departure delays while also promoting buy-in and ownership from our pilots and crews

Departure Scheduling

- ▶ Promotes active engagement by GA Crews to select lower demand departure windows which will significantly reduce departure delay
- ▶ Ability for companies to greatly improve customer service by monitoring airport conditions and demand (from anywhere) to provide their customer real time information for deciding departure times

Sharing information is the key

- ▶ This program shows the GA community all of the information that has previously been unavailable to them
- ▶ Departure demand for the entire day can be accessed and viewed. This gives crews the ability to plan their departure window based on real time information, just select a 15 minute window and this information is shared with the rest of the Crews
- ▶ We have found that using this information to make just a 15 minute change in departure time has helped mitigate potential delays
- ▶ Crews can access this information from anywhere and communicate with their customers
- ▶ Information is a two way street, please schedule and update your departure time! This allows the FAA and more importantly - other crews to see and plan around your intended departure time

How will this look?

DDMT KIOSK DEMONSTRATION



Thank you for using McCarran Airport's Delay Mitigation Tool

Please touch begin to continue

Begin

Please select your anticipated departure **date**

(You can change this later if needed)

Friday, July 27th

Saturday, July 28th


Sunday, July 29th


Monday, July 30th


Please select your anticipated departure time

(You can change this later if needed)

 Color of time-slot buttons indicates the current level of demand.

 = Low Demand

 = Moderate Demand

 = High Demand

← Earlier

Sunday, July 29th @ 0700

Later →

0500

0600

0700

0800

0900

1000

0515

0615

0715

0815

0915

1015

0530

0630

0730

0830

0930

1030

0545

0645

0745

0845

0945

1045

 Change Date

Done ✓

You selected a **Sunday, July 29th**
departure at **0800L**

Based on current departure schedules,
the demand constraint in your departure window is **low**.

Would you like to select an alternate time or stay with your existing
selection?

Stay ✓

New ⓪

Last Step!

Please confirm the flight plan callsign you will be using and provide your mobile number so we can give you updates to your departure status.

Submit ✓

Please Acknowledge

You are still **REQUIRED** to file a departure flight plan as this tool **ONLY** mitigates the impact of airport departure delays.

Acknowledge

Please confirm
mobile num

provide your
rture status.

N5252L

7024805256

Submit ✓

Thank you for using McCarran Airport's Delay Mitigation Tool!

You will be sent a text message shortly with your anticipated departure information.

If your departure intentions change, please follow the instructions in the text message to make a change.

FAQs

[Am I still required to file a flight plan?](#) ▶

[Why was this system developed?](#) ▶

FAQs

Am I still required to file a flight plan? ▶

Why was this system developed? ▶

What does the tool do? ▶

Why does this tool work? ▶

Is this tool a slot or reservation program? ▶

The departure time isn't up to me? (My passenger makes that decision). ▶

How do I use the tool? ▶

Will I receive airfield updates? ▶

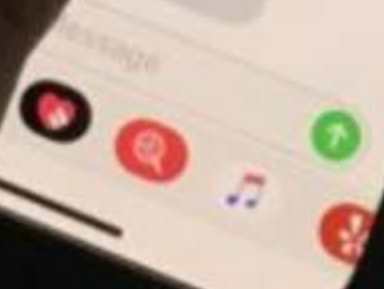
Finish ✓

7024805256
Today 7:47 AM
LAS Departure Confirmation

Good day N5252L,
You are currently scheduled to
depart on Sun, July 29, 2018
between 8:00 AM and 8:15 AM.
If you wish to modify your
original departure intentions,
please use the link and
credentials below to input your
new intentions into the system,
thereby ensuring your efficient
departure.

[http://
cdm.misd.com/
mobile/
agent.com/](http://cdm.misd.com/mobile/agent.com/)

Phone: 702-480-5256
Pin: 805256



7:54

Messages

LTE

Sign In

7024805256

••••

Log In

View publicly without

7:54

Messages

cdm.misdevelopment.com

LTE

McCarran
INTERNATIONAL AIRPORT

Change/View Departure Time

Edit Callsign

Current Airfield Conditions

Current Weather Alerts

Las Vegas Events

You selected a
Sunday, July 29th
departure at **0800L**

Based on current
departure schedules,
the demand constraint in
your departure window is
low.

Would you like to select
an alternate time?

New Time ⌚

Messages
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McCarran
INTERNATIONAL AIRPORT

Go Back

Please select your
anticipated
departure **time**

■ = No Delay ■ = Light Delays
■ = Certain Delays

Sunday, July 29th @ ?

Earlier



Later

0500

0600

0700

0800

0515

0615

0715

0815

0530

0630

0730

0830

0545

0645

0745

Done

You selected a
Sunday, July 29th
departure at **0845L**

Based on current
departure schedules,
the demand constraint in
your departure window is
low.

Would you like to select
an alternate time or stay
with your existing
selection?

Stay

New

Thank you for using
McCarran Airport's
Delay Mitigation
Tool!

You will be sent a text
message shortly with
your anticipated
departure information.

If your departure
intentions change, please
follow the instructions in
the text message to
make a change.

Note: You are still
REQUIRED to file a
departure flight plan as
this tool **ONLY** mitigates
the impact of airport

7:54

Messages

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McCarran
INTERNATIONAL AIRPORT

Change/View Departure Time

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7:55

Messages

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LTE


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INTERNATIONAL AIRPORT

METAR:

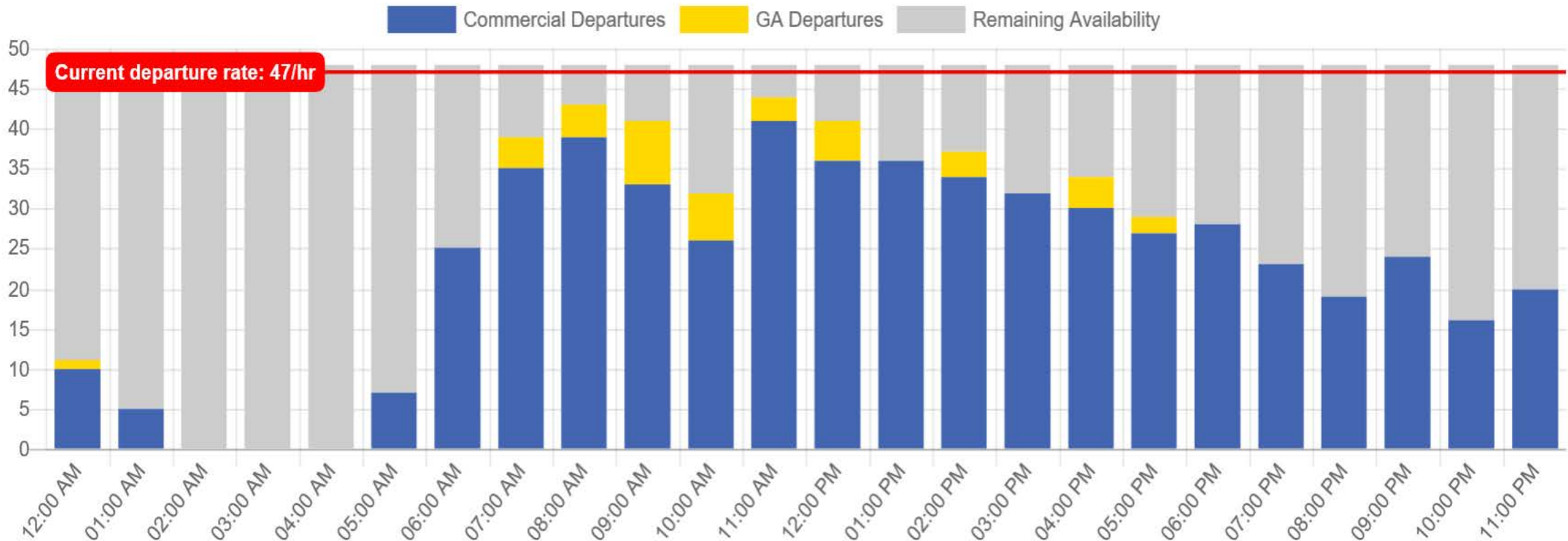
KLAS 271356Z
00000KT 10SM CLR
33/09 A2989 RMK AO2
SLP087 T03330094

Observed @ 1356Z

Delay Mitigation Tool

◀ Prev Day Today Next Day ▶ 

Departures by hour for Fri, January 12, 2018



Summary

- ▶ Ability to select and amend your own 15 minute departure window, from anywhere, anytime
- ▶ You are not prevented from selecting a window with high demand (RED). We would rather the program show an accurate time, even if it is in a period of high demand
- ▶ This is not a slot program. The intent is to provide a tool that gives you the ability to depart at a time of your choosing, preferably during periods of lower demand
- ▶ Times you see in the scheduler are only as good as the information provided by the community using it

FAQ

- ▶ **Do I have to file a flight plan?** Yes. This program does not take the place of filing, nor does it amend your proposed time
- ▶ **What if I do not depart in the window of time that I selected?** There is no official liability or accountability for not departing in your selected time window
- ▶ **What other information can I expect?** We have the ability to broadcast all types of information including weather, closures, runway changes etc.. This can be done via mass text, or individually. Using the App, we can also provide a calendar of events for the Las Vegas area for future planning. Let us know what you would like to see!

Questions?

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