

Q3 2021 Operations & Comments Report

Operations

- 9,707 operations; a 46% decrease from Q3 2019 and a 31% decrease from Q3 2020
- Local governments discouraged visitation to Truckee Tahoe region Labor Day Weekend
- Wingspan restrictions due to pavement maintenance prevented operation of 50,000lb+ jets until mid-August
- Wildfire smoke created many days of IFR conditions August and September
- Firefighting helicopter squadron based at KTRK in September

Voluntary Curfew Operations 10 pm—7 am

- 88 Non - EMS operations
- 53 less than Q3 2019 and 7 less than Q3 2020
- 14 Jets, 57 Pistons, 17 Turboprops
- 25 EMS operations: 23 Helicopters, 2 Turboprops
- 60% of operations were by locally-based aircraft
- 1 hangar tenant Fly Quiet violation

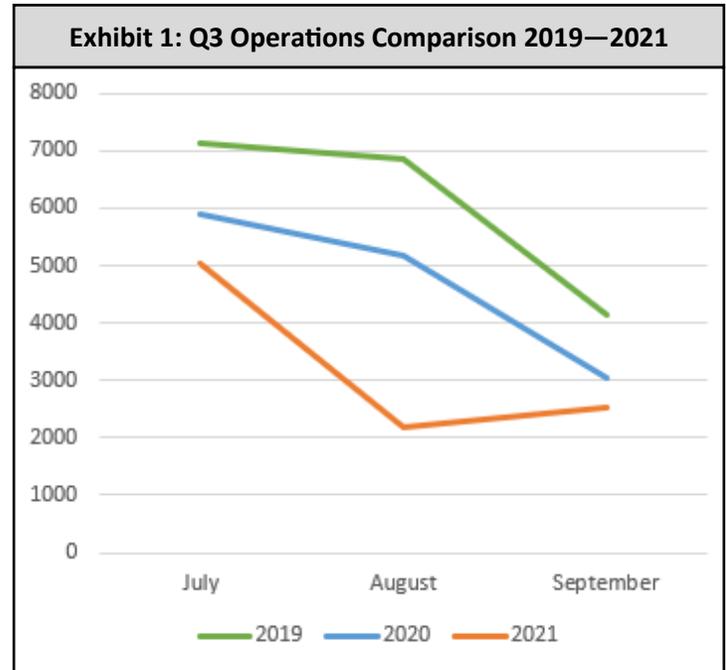


Exhibit 2: Q3 2021 Voluntary Curfew Operations

	10pm	11pm	12am	1am	2am	3am	4am	5am	6am
Arrival	15	3						2	13
Departure	7	1	1				2	6	38

Exhibit 3: Q3 Operations by Aircraft Type 2019 — 2021

	2019	2020	2021	% Change from 2019	% Change from 2020
Piston Single	7,000	6,183	4,030	-42%	-35%
Piston Twin	528	433	333	-37%	-23%
Turboprop	2,619	1,917	1,728	-34%	-10%
Jet < 12,499 lbs	477	343	281	-41%	-18%
Jet 12,500-19,999 lbs	763	778	685	-10%	-12%
Jet 20,000-49,999 lbs	809	803	870	8%	8%
Jet > 50,000 lbs	158	224	37	-77%	-83%
Helicopter	369	270	384	4%	42%
Total Powered Aircraft	12,723	10,951	8,348	-34%	-24%
Gliders	5,368	3,192	1,359	-75%	-57%
Total Operations	18,091	14,143	9,707	-46%	-31%

Top 5 Commercial Operators

1. **Soar Truckee** 848 tow-plane operations
2. **Sierra Aero** 694 operations
3. **Skydive Truckee Tahoe** 578 operations
4. **Mountain Lion Aviation** 505 operations
5. **NetJets** 334 operations

Top 5 Region Origins*

1. **Bay Area** 1,019 arrivals
2. **Western States (NV to CO)** 426 arrivals
3. **Southern CA** 391 arrivals
4. **Sacramento Area** 157 arrivals
5. **Central CA** 123 arrivals

*Counts are taken from filed flight plans and based on top 224 airport origins that visited KTRK in 2020

Comments

- 731 comments; up 54% from Q3 2019 and up 70% from Q3 2020
- 41% of Piston comments were due to skydiving planes
- The most comments from a single household was 159
- 28% of Jet comments were due to landings on Runway 11

Exhibit 5: Q3 Noise Comments 2019 — 2021

	2019	2020	2021	% change from 2019	% change from 2020
Helicopter	16	12	3	-81%	-75%
Jet	134	208	265	98%	27%
Piston	240	164	364	52%	122%
Turboprop	80	43	92	15%	114%
Unknown/Other	5	3	7	40%	133%
Total Comments	475	430	731	54%	70%

Exhibit 4: Q3 2021 Comments by Type and Neighborhood

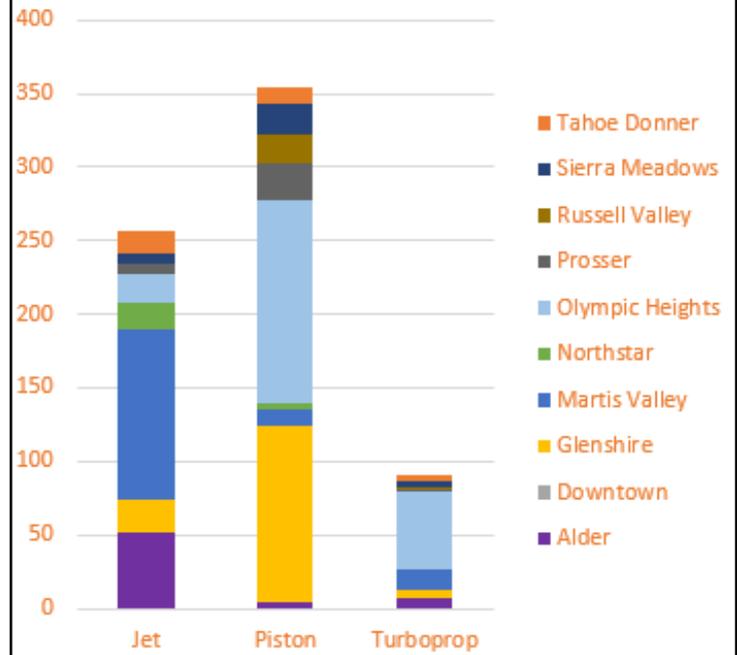
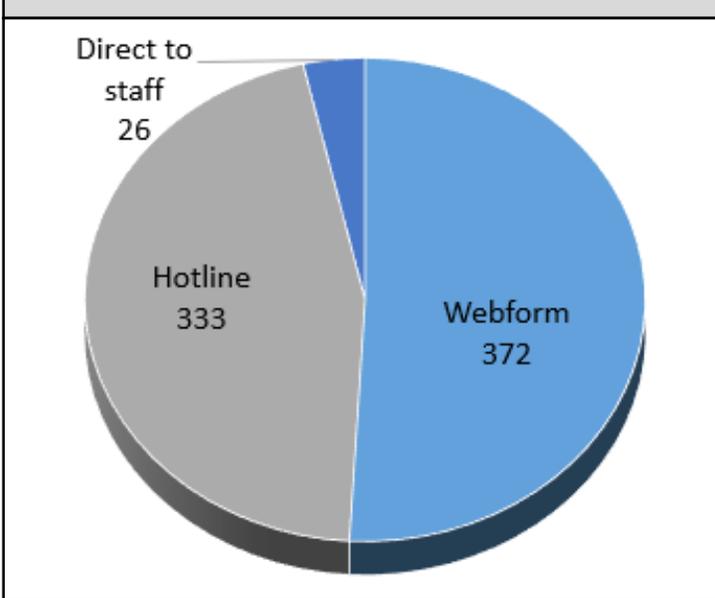


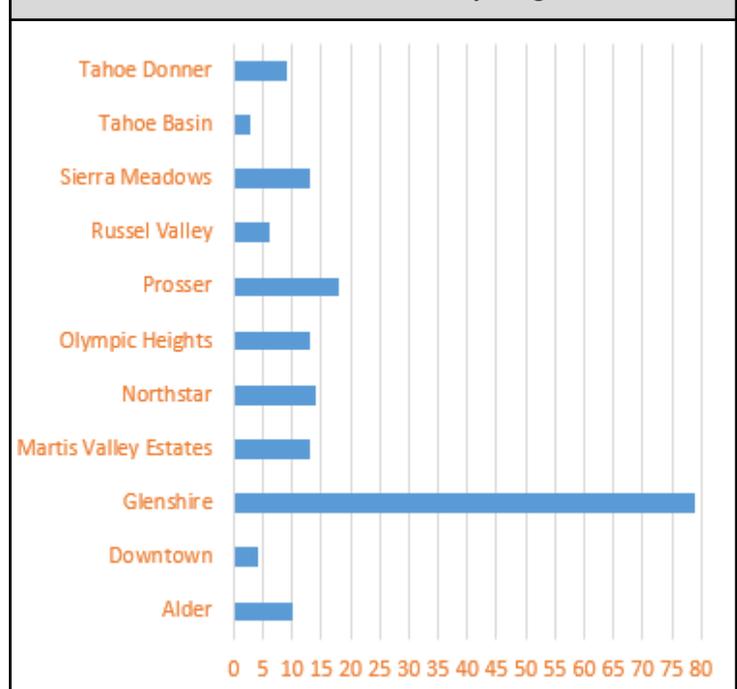
Exhibit 6: Q3 2021 Noise Comment Origins



Top 5 Aircraft Commented On

1. **Cessna 182** 156 comments
2. **Pilatus PC12** 53 comments
3. **Cirrus SR22** 40 comments
4. **Cessna 172** 36 comments
5. **Cessna 680** 28 comments

Exhibit 7: Q3 2021 Households by Neighborhood



Household Data

- 182 households: up from 97 in Q3 2019 and 139 in Q3 2020
- 84 new households
- 50% of comments came from 9 households
- Glenshire had most households but was second in comments behind Olympic Heights
- 55% of households submitted one comment each

Exhibit 8a: Q3 2021 Noise Comment Heat Map (5 mile radius)

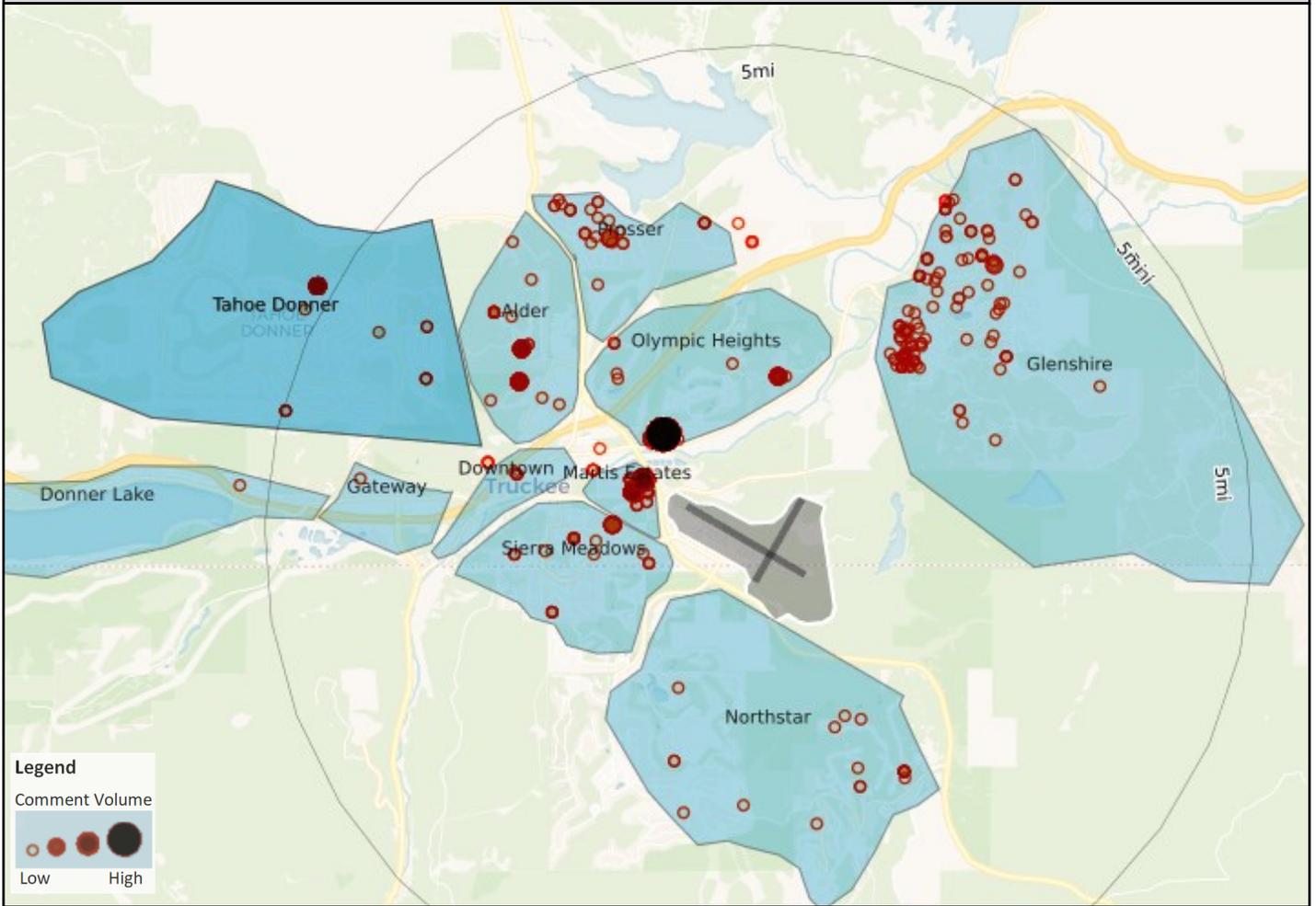


Exhibit 8b: Q3 2021 Heat Map (Tahoe Basin)

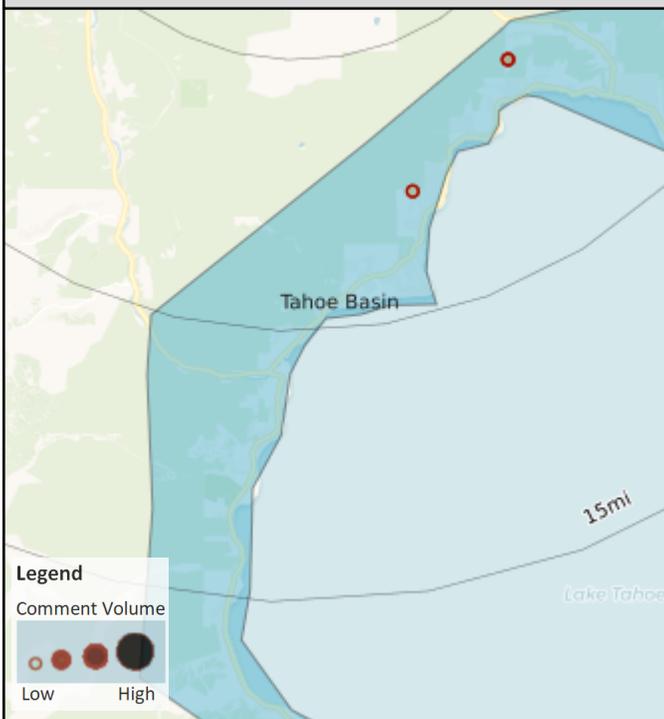


Exhibit 8c: Q3 2021 Heat Map (Russell Valley)

