



WORKING HAND-IN-HAND TO SUPPORT BOLIVIA FROM THE SKIES

PROVIDING WEEKEND HEALTH CLINICS

LIFE-SAVING EMERGENCY FLIGHTS

CONNECTING BOLIVIA'S COMMUNITIES AND
MANO A MANO'S PROJECTS IN A NEW WAY



WHY WE FLY

- Emergency air rescues – Mano a Mano flights airlift critically ill and injured patients from isolated rural areas to city hospitals
- Transport Mano a Mano staff, volunteers, and supplies to remote Bolivian communities to support our programs
- Make flight hours available to other non-profits at cost
- Make flight hours available to travelers and companies for a fee to generate revenue and help cover Mano a Mano's aviation programs

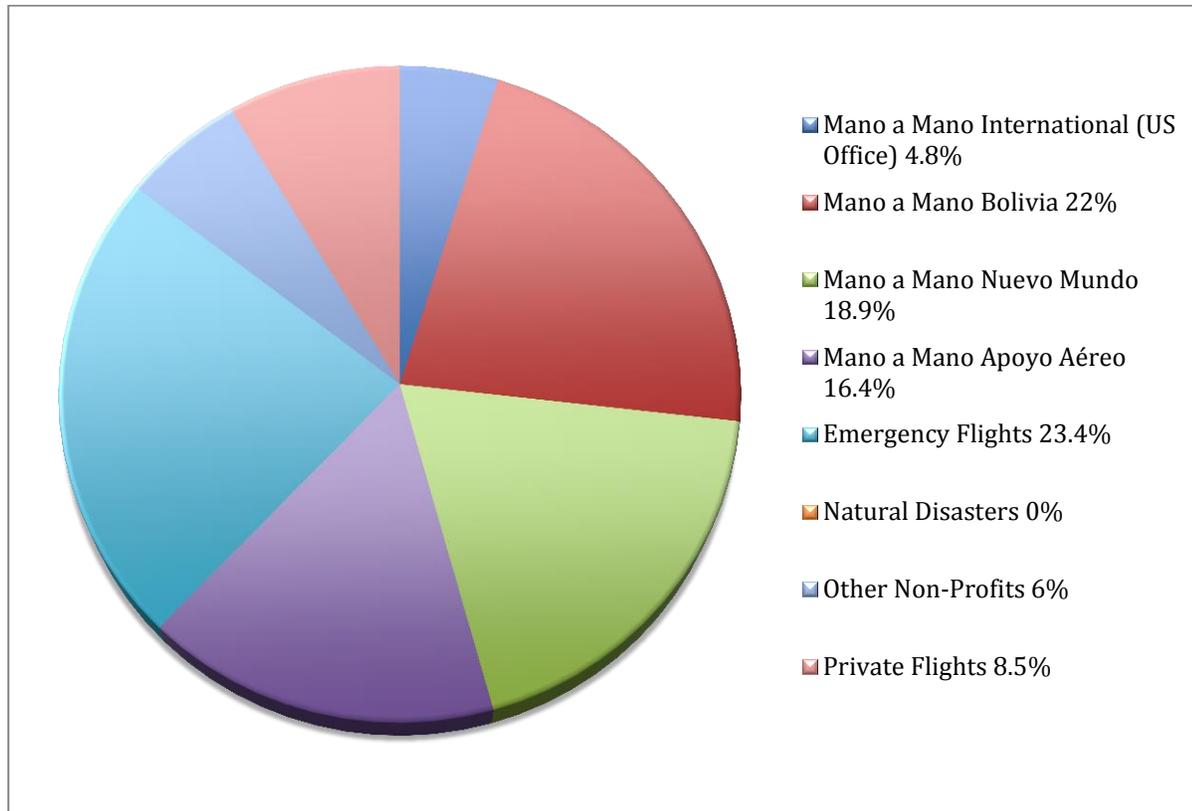
A TYPICAL MONTH

In May 2013, our aviation program flew **73.1 flight hours**. The vast majority of these flights go to the Amazon region of Bolivia, where communities can be the most isolated (it can take more than a day in some cases to travel from these communities to any type of care in case of an emergency). Mano a Mano provided **emergency flights to 43 patients** and flew volunteer health professionals to remote communities for **4 weekend health clinics**. Since the aviation program began in 2005, we have flown 1,885 emergency air rescues and provided 177 weekend health clinics.



Pictured: Mano a Mano Apoyo Aereo pilot Ivo Martinez at the Mano a Mano hangar in Cochabamba

A BREAKDOWN OF USAGE HOURS



USER	PRIMARY USES OF HOURS	FLIGHT HOURS	PERCENTAGE OF FLIGHT HOURS
Mano a Mano International (US office)	Transport staff and travelers	3.5	4.8%
Mano a Mano Bolivia	Weekend health clinics; transport staff to project sites	16.1	22%
Mano a Mano Nuevo Mundo	Project site visits (including aerial overviews of large projects); transport parts & equipment	13.8	18.9%
Mano a Mano Apoyo Aéreo	Site visits to runways; connecting with communities and other organizations	12	16.4%
Emergency Flights	Emergency air rescues	17.1	23.4%

Natural Disasters	Emergency food drops	0	0%
Other Non-Profits	Transporting staff and cargo	4.4	6%
Private Flights	Private travel	6.2	8.5%
TOTAL		73.1	100%

Flights to support Mano a Mano various programs were the vast majority of the flight hours - 62.5 hours, or 85.5%. Having twin-engine planes available for private flights has greatly improved our paid flight hours - we have seen a 50% increase in funds raised through private flights (comparing the first 5 months of 2012 to 2013), which is a huge support to the program and allows us to help subsidize our emergency air rescue and weekend health clinic programs.



Pictured (L): An emergency food drop in Oromomo; (R): Emergency air rescue for newborn baby with complications

Short Flight Times = Huge Time Savings that Improve Programs

For the month of May, there were a total of 34 round-trip flights from our Cochabamba hangar totaling 68 flights; this is an average of only 1.08 hours each way. Bolivia's rugged geography and underdeveloped roads make what are short distances 'as the crow flies' into extremely long and difficult trips. For example, Mano a Mano Nuevo Mundo engineers used one flight in May to travel from Cochabamba to El Palmar, a community in the department of Chuquisaca where Mano a Mano is building a road. The flight was only 1.4 hours each way; by 4x4 jeep it would have taken at least 20 hours to get there. And traveling by jeep was impossible at the time due to a number of protests that blocked the road for days.

With the large variety of projects that Mano a Mano does, and our focus on mostly rural areas of Bolivia, these time savings allow our staff to focus more time on the actual projects rather than traveling to and from the project site.

- A patient in an emergency situation can be in a city hospital within an hour or 2 rather than spending 10-20 hours traveling to get to care
- Doctors and nurses who volunteer their weekends to provide weekend health clinics can leave on a Saturday morning and be on-site in an hour rather than 5-20 hours by jeep, allowing them to have much more time to see patients
- Broken parts for heavy machinery can be transported to La Paz or Santa Cruz for repairs and returned in a few days to a construction site, rather than 1 week or more by jeep or bus



Pictured (L): Volunteers from MELA (Medical Educators for Latin America) rented the Mano a Mano plane to visit the Uyuni Salt Flats after hosting an International Acute Care Conference with Mano a Mano Bolivia

Pictured (R): Volunteer health professionals (two general practitioners and an odontologist) load the plane for a weekend clinic in San Pablo, a community of about 65 families in the Beni region of Bolivia.



On the way to visit a current construction project, Nuevo Mundo staff fly over the Jusku Molle water reservoir to get an aerial view