

機場及車輛工程服務 **Airport and Vehicle Engineering Services**



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機場及車輛工程部的業務在2009/10年度保持穩定，財務表現也見改善。由於各項服務水平協議成功續訂、翻新工程增加、及客戶的其他工作，機場工程業務年內持續增長。至於車輛工程業務，過去一年由於有效地控制開支，減低成本，以致達到收支平衡。

機場及車輛工程部與機場管理局（機管局）現時的維修保養合約，涵蓋行李處理系統、空調系統、飛行區地面燈號系統、海水和一般抽水系統，以及污水處理廠等項目。隨着機管局兩個新設施於2010年1月正式啟用，該部業務得以進一步拓展。兩個新設施分別是機場的新海天客運碼頭及北衛星客運廊，前者是跨境渡輪碼頭，後者則是有10個附設登機橋的停機位，專供窄體飛機使用。該部取得客運碼頭的行李處理系統，及客運碼頭與客運廊的空調系統維修保養合約。

至於機場其他政府部門的業務發展，該部已與民航處續訂服務水平協議，為期4年，於2010年4月生效。年內，該部也為民航處進行大量機電設施翻新工程，包括提升雷達站的空調及避雷系統，並為新民航處總部大樓提供專業諮詢服務。此外，該部與香港天文台及政府飛行服務隊，也分別續訂服務水平協議，為期5年，於2010年4月生效。

車輛採購及維修保養服務在2009/10年度為車輛工程業務持續帶來穩定收入。由於客戶加快進行車輛更換計劃，車輛採購量已見大幅上升。該部年內採購的特別用途車輛，包括供消防處在機場使用的快速截擊車，及供食物環境衛生署使用的新款環保垃圾收集車。該部亦提供技術支援，為環保局進行電動車輛的測試及研究，以支持政府推廣環保車輛及低碳措施。此外，該部在2009年實施一系列服務改善方案，有效地提高救護車的可靠性，包括提升預防性維修保養、與消防處積極監察救護車的運作、在沙田及元朗救護站內設立快速維修站。透過這些改善措施，救護車的可靠性大幅提升。

機場及車輛工程部本年獲機管局頒發多個獎項，以示表揚。在機管局的「2009/10年度機場員工安全嘉許計劃」中，機場工程分部在「模範安全行為」、「優良安全建議」及「預防意外措施」3個嘉許項目中獲獎。此外，該分部亦在機管局的「工程及維修部承包商安全運動」中贏得數個獎項；由於對轄下多份合約的安全管理表現出色及達至零意外，因而該分部並獲頒「零意外事故承辦商獎」。

至於科技應用方面，該部的機場人員協助機管局在滑行道裝設更具能源效益的發光二極管燈，同時對操控跑道燈之恒流調節器作出相應調校，確保嚴格遵行國際航空要求。

展望將來，機場及車輛工程部會持續促進生產力及不斷致力為客戶提供優質及卓越服務。



檢查機場新海天客運碼頭行李處理系統。
Inspecting the Baggage Handling System at the new Airport Skypier.



本部替消防處採購的快速截擊車，能讓該處在極短時間內撲滅因飛機事故引發之火警。
The procurement of the Rapid Intervention Vehicle by the Division allows the Fire Services Department to extinguish fire resulted from aircraft accident within a very short period of time.

The airport and vehicle business was stable in 2009/10 with improved financial performance. The airport business continued to grow as a result of renewed Service Level Agreements (SLAs), increased renovation work and other client activities. Due to effective expenditure control, the vehicle business achieved a break even in the year.



我們為香港國際機場維修保養飛行區地面燈號系統。
We maintain the Airfield Ground Lighting System at the Hong Kong International Airport.

In addition to existing maintenance contracts with the Airport Authority (AA), such as those for the Baggage Handling System, Air-conditioning Systems, Airfield Ground Lighting System, Seawater and General Pumping Systems and wastewater treatment plant, among others, two new AA facilities that officially opened in January 2010 further boosted our business. They are the Airport's new Skypier, a cross-boundary ferry terminal, and the North Satellite Concourse, equipped with ten bridge-served parking stands for narrow-bodied aircraft. The Division successfully secured the maintenance services for the Skypier's Baggage Handling System as well as Air-conditioning Systems at both new facilities.

As to business from government departments at the Airport, a renewed four-year SLA with the Civil Aviation Department (CAD) commenced in April 2010, supplemented by considerable E&M renovation works during the year, including upgrading of air-conditioning systems and lightning protection systems for radar stations. The Division also provided professional advisory service for the new CAD Headquarters building. In addition, it also successfully renewed the SLAs with the Hong Kong Observatory and Government Flying Service for another five years, commencing April 2010.



直昇機自動清潔系統能徹底清潔政府直昇機，效率甚高。
The Automatic Helicopter Washing System cleans government helicopters efficiently and thoroughly.

The vehicle business enjoyed steady revenue streams in 2009/10 from both procurement and maintenance services, with significant increases in vehicle procurement volume as clients accelerated their vehicle replacement programmes. Special purpose vehicles procured include Rapid Intervention Vehicles for the Fire Services Department for operation in the Airport, and newly designed and environmental-friendly Refuse Collection Vehicles for the Food and Environmental Hygiene Department. The Division also provides professional support to the Environment Bureau in the study and evaluation of Electric Vehicles to support the Government's green procurement and low-carbon initiatives. In addition, in 2009, the Division implemented series of service enhancement measures effectively to enhance reliability of ambulances, such as intensifying the preventive maintenance, conducting close monitoring on performance of ambulances with the Fire Services Department, and setting up quick repair shops in Sha Tin and Yuen Long Ambulance Depots. Through these enhancement measures, the reliability of ambulances increased substantially.

The Division was recognised with numerous AA accolades this year. At the AA 2009/10 Airport Staff Safety Recognition Scheme, the Airport Engineering Services Sub-division earned three awards in the following categories: Role Model Safety Behaviour, Good Safety Suggestion and Accident Prevention Measures. It also won several awards in the Technical Services Department Maintenance Contractors Safety Campaign, and received the Zero-accidents Contractor Award for a number of contracts under its management.

With regard to technology application, the Airport team has supported AA to deploy more energy efficient LED lighting on the taxiways, with simultaneous adjustments in the constant current regulators to ensure strict compliance with international aviation requirements.

The Division would continue to strive for service excellence and productivity improvement in the years ahead.

